B&A Buys & Associates, Inc.
Environmental Consultants

300 E. Mineral Ave., Suite 10
Littleton, CO 80122-2631
303/781-8211 303/781-1167 Fax

July 18, 2006

Mrs. Diana Whitney
State of Utah
Division of Oil Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill - Petro-Hunt, L.L.C.
Lamb Trust 31B-1-1 – 178' FNL & 2,590' FWL, NE/4 NW/4
Section 31, T15S, R3E, SLB&M, Sanpete County, Utah

Dear Mrs. Whitney:

On behalf of Petro-Hunt, L.L.C.. (Petro-Hunt), Buys & Associates, Inc. respectfully submits the enclosed original and one copy of the Application for Permit to Drill (APD) for the above referenced fee surface and mineral vertical well. A request for exception to spacing (R649-3-2) is hereby requested based on topography since the well is located less than 460' of the drilling unit boundary. Petro-Hunt is not the only owner and operator within 460' of the proposed well. Approval of the exception location is pending at this time from Petro-Hunt. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and cut and fill drawing of the proposed well site;

Exhibit "B" - Proposed location maps with access corridor;

Exhibit "C" - Lamb Trust Surface Use Agreement (pending);

Exhibit "D" - Drilling Plan and Drilling Procedure;

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Petro-Hunt's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Mick Homiston of Petro-Hunt at 701-863-6622 if you have any questions or need additional information.

Sincerely,

Don Hamilton

Don Hamilton
Agent for Petro-Hunt

cc: Mick Homiston, Petro-Hunt
Cary Vice, Petro-Hunt
Lee Holmstead, Sanpete County

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: Patented	6. SURFACE: Fee
1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐	7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
B. TYPE OF WELL: OIL ☑ GAS ☐ OTHER _____ SINGLE ZONE ☐ MULTIPLE ZONE ☑	8. UNIT or CA AGREEMENT NAME: N/A
2. NAME OF OPERATOR: PETRO-HUNT, L.L.C.	9. WELL NAME and NUMBER: LAMB TRUST 31B-1-1
3. ADDRESS OF OPERATOR: 258 - 119th Ave. SW CITY Killdeer STATE ND ZIP 58640 — PHONE NUMBER: (701) 863-6622	10. FIELD AND POOL, OR WILDCAT: Wildcat
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 178' FNL & 2,590' FWL, 445927X 4369442Y 39.474751 -111.628658 AT PROPOSED PRODUCING ZONE: 178' FNL & 2,590' FWL,	11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 31 15S 3E S
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 1.02 miles south of Wales, Utah	12. COUNTY: Sanpete — 13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): 64'	16. NUMBER OF ACRES IN LEASE: 21 — 17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): None	19. PROPOSED DEPTH: 14,700 — 20. BOND DESCRIPTION: Statewide Surety RLB0008181
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5,583' GR	22. APPROXIMATE DATE WORK WILL START: 9/6/2006 — 23. ESTIMATED DURATION: 90 days

Lambert on 9/22/06

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
26"	20"	.25" w.t.		80	Ready mix to surface			
17-1/2"	13-3/8"	J55	54.5#	2,300	50/50 Poz & Premium	950/485 sx	1.98/1.16	12.5/15.8
12-1/4"	9-5/8"	P110	53.5#	7,850	50/50 Poz	1555 sx	1.71	13.0
8-1/2"	7-5/8"	Q125	39.0#	11,200	50/50 Poz	480 sx	1.24	14.35
6-1/2"	5-1/2"	L80	20.0#	14,700	50/50 Poz	300 sx	1.43	14.3

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☐ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- ☑ COMPLETE DRILLING PLAN
- ☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

CONFIDENTIAL

NAME (PLEASE PRINT) Don Hamilton — TITLE Agent for Petro-Hunt, L.L.C

SIGNATURE Don Hamilton — DATE 7/18/2006

(This space for State use only)

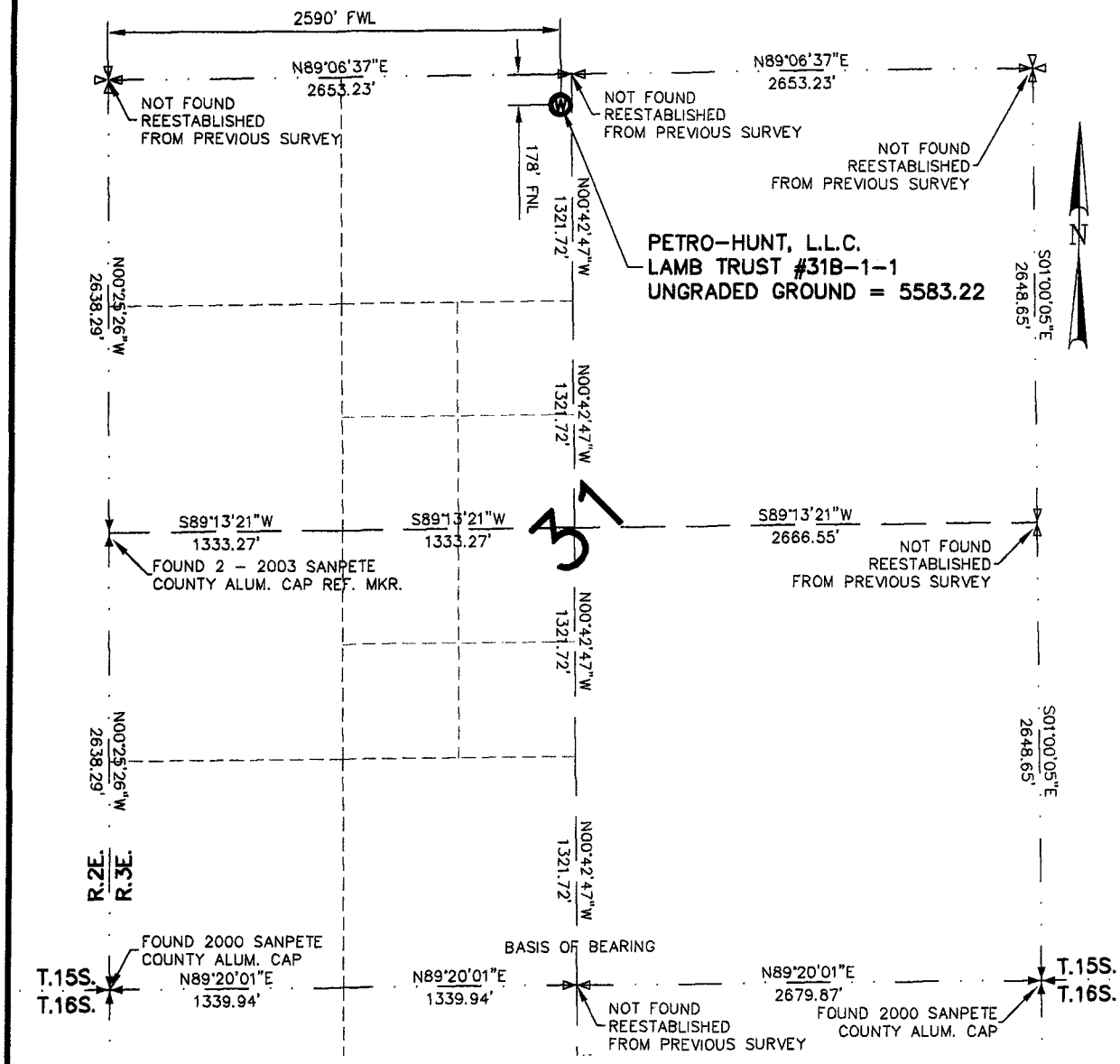
API NUMBER ASSIGNED: 43-039-30034 — APPROVAL:

ORIGINAL

RECEIVED
JUL 20 2006
DIV. OF OIL, GAS & MINING

(11/2001) (See Instructions on Reverse Side)

Section 31, T.15 S., R.3 E., S.L.B. & M.



BASIS OF BEARINGS

BASIS OF BEARING USED WAS N89°20'01"E BETWEEN THE SOUTHWEST CORNER AND THE SOUTHEAST CORNER OF SECTION 31, T.15 S., R.3 E., S.L.B. & M.
LATITUDE = 39°28'28.94106" (38.474705850) NAD 83
LONGITUDE = -111°37'45.27788" (-111.629243856) NAD 83

PROJECT

Petro-Hunt, L.L.C.

WELL LOCATION, LOCATED AS SHOWN IN THE N.E. 1/4 OF THE N.W. 1/4 OF SECTION 31, T.15 S., R.3 E., S.L.B. & M. SANPETE COUNTY, UTAH

LEGEND

- = SECTION CORNERS (LOCATED)
- = QUARTER SECTION CORNERS (LOCATED)
- = SECTION CORNERS (NOT LOCATED)
- = QUARTER SECTION CORNERS (NOT LOCATED)
- = PROPOSED WELL HEAD

NOTE: THE PURPOSE OF THIS SURVEY WAS TO PLAT THE PETRO-HUNT, L.L.C. LAMB TRUST #31B-1-1 LOCATION. LOCATED IN THE N.E. 1/4 OF THE N.W. 1/4 OF SECTION 31, T.15 S., R.3 E., S.L.B. & M., SANPETE COUNTY, UTAH.

BASIS OF ELEVATION

ELEVATION BASED ON THE SOUTHWEST CORNER OF SECTION 6, T.16 S., R.3 E., S.L.B. & M. WHICH IS A SANPETE COUNTY ALUM CAP WITH AN ELEVATION OF 5559.00'.

1000' 500' 0' 1000'

SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

TREVOR ROY GADD PROFESSIONAL LAND SURVEYOR No. 343639 STATE OF UTAH

TREVOR R. GADD, L.S. #343639 — DATE 07/17/06

Jones & DeMille Engineering
1535 South 100 West - Richfield, Utah 84701
Phone (435) 896-8266
Fax (435) 896-8268
www.jonesanddemille.com

Well Location Plat for

Petro-Hunt, L.L.C. Lamb Trust #31B-1-1

DESIGNED	SURVEYED	CHECKED	DRAWN	PROJECT NO.	SHEET NO.
-	T.W.G.	T.R.G.	T.R.G.	0606-130	1
DATE 06/22/06		DWG.NAME WELL_LOC..	SCALE 1"=1000'		

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO:	6. SURFACE:
Patented	Fee

1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐

7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

B. TYPE OF WELL: OIL ☑ GAS ☐ OTHER _____ SINGLE ZONE ☐ MULTIPLE ZONE ☑

8. UNIT or CA AGREEMENT NAME: N/A

2. NAME OF OPERATOR: PETRO-HUNT, L.L.C.

9. WELL NAME and NUMBER: LAMB TRUST 31B-1-1

3. ADDRESS OF OPERATOR: 258 - 119th Ave. SW CITY Killdeer STATE ND ZIP 58640

PHONE NUMBER: (701) 863-6622

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 178' FNL & 2,590' FWL, 445927X 4369442Y 39.474751 -111.628658
AT PROPOSED PRODUCING ZONE: 178' FNL & 2,590' FWL,

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 31 15S 3E S

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 1.02 miles south of Wales, Utah

12. COUNTY: Sanpete

13. STATE: UTAH

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
64'	21	40
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)	**19. PROPOSED DEPTH:**	**20. BOND DESCRIPTION:**
None	14,700	Statewide Surety RLB0008181
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	**22. APPROXIMATE DATE WORK WILL START:**	**23. ESTIMATED DURATION:**
5,583' GR	9/6/2006	90 days

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
26"	20"	.25" w.t.		80	Ready mix to surface			
17-1/2"	13-3/8"	J55	54.5#	2,300	50/50 Poz & Premium	950/485 sx	1.98/1.16	12.5/15.8
12-1/4"	9-5/8"	P110	53.5#	7,850	50/50 Poz	1555 sx	1.71	13.0
8-1/2"	7-5/8"	Q125	39.0#	11,200	50/50 Poz	480 sx	1.24	14.35
6-1/2"	5-1/2"	L80	20.0#	14,700	50/50 Poz	300 sx	1.43	14.3

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER

☐ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER

☑ COMPLETE DRILLING PLAN

CONFIDENTIAL

☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Don Hamilton TITLE Agent for Petro-Hunt, L.L.C

SIGNATURE Don Hamilton DATE 7/18/2006

(This space for State use only)

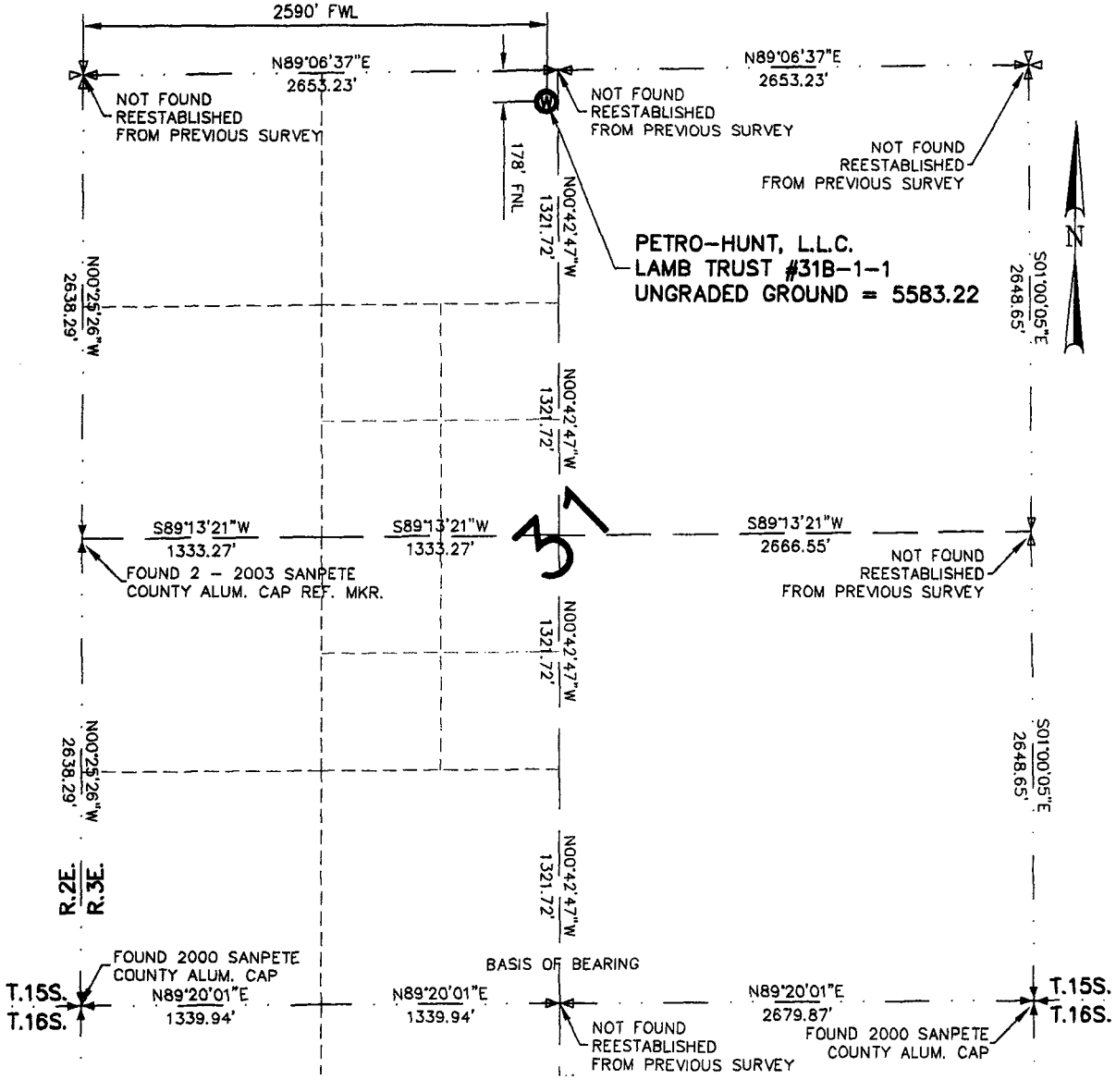
API NUMBER ASSIGNED: 43-039-30034 APPROVAL:

ORIGINAL

RECEIVED
JUL 20 2006
DIV. OF OIL, GAS & MINING

(11/2001) (See Instructions on Reverse Side)

Section 31, T.15 S., R.3 E., S.L.B. & M.



BASIS OF BEARINGS

BASIS OF BEARING USED WAS N89°20'01"E BETWEEN THE SOUTHWEST CORNER AND THE SOUTHEAST CORNER OF SECTION 31, T.15 S., R.3 E., S.L.B. & M.
LATITUDE = 39°28'28.94106" (38.474705850) NAD 83
LONGITUDE = -111°37'45.27788" (-111.629243856) NAD 83

PROJECT

Petro-Hunt, L.L.C.

WELL LOCATION, LOCATED AS SHOWN IN THE N.E. 1/4 OF THE N.W. 1/4 OF SECTION 31, T.15 S., R.3 E., S.L.B. & M. SANPETE COUNTY, UTAH

LEGEND

- = SECTION CORNERS (LOCATED)
- = QUARTER SECTION CORNERS (LOCATED)
- = SECTION CORNERS (NOT LOCATED)
- = QUARTER SECTION CORNERS (NOT LOCATED)
- (W) = PROPOSED WELL HEAD

NOTE: THE PURPOSE OF THIS SURVEY WAS TO PLAT THE PETRO-HUNT, L.L.C. LAMB TRUST #31B-1-1 LOCATION. LOCATED IN THE N.E. 1/4 OF THE N.W. 1/4 OF SECTION 31, T.15 S., R.3 E., S.L.B. & M., SANPETE COUNTY, UTAH.

BASIS OF ELEVATION

ELEVATION BASED ON THE SOUTHWEST CORNER OF SECTION 6, T.16 S., R.3 E., S.L.B. & M. WHICH IS A SANPETE COUNTY ALUM CAP WITH AN ELEVATION OF 5559.00'.

1000' 500' 0' 1000'

SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

PROFESSIONAL LAND SURVEYOR
TREVOR ROY GADD
No. 343639
STATE OF UTAH

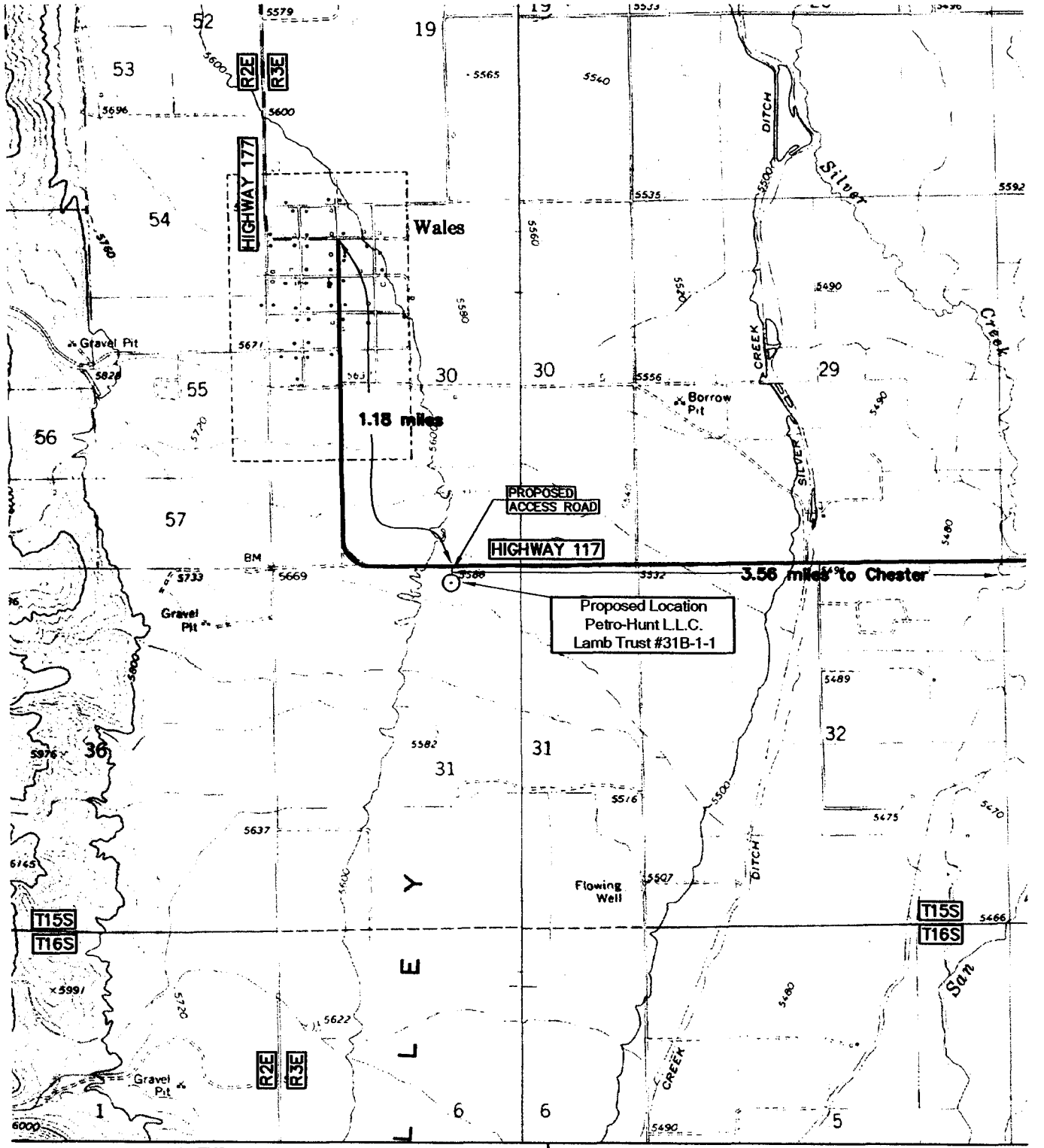
TREVOR R. GADD, L.S. #343639 — DATE 07/10/06

Jones & DeMille Engineering
1535 South 100 West – Richfield, Utah 84701
Phone (435) 896-8268
Fax (435) 896-8268
www.jonesanddemille.com

Well Location Plat for

Petro-Hunt, L.L.C. Lamb Trust #31B-1-1

DESIGNED	SURVEYED	CHECKED	DRAWN	PROJECT NO.	SHEET NO.
-	T.W.G.	T.R.G.	T.R.G.	0606-130	1
DATE		DWG.NAME	SCALE		
06/22/06		WELL_LOC..	1"=1000'		



LEGEND

⊙ PROPOSED LOCATION

Petro-Hunt, L.L.C. Lamb Trust #31B-1-1
Section 31, T.15 S., R.3 E., S.L.B. & M.
178' FNL 2590' FWL

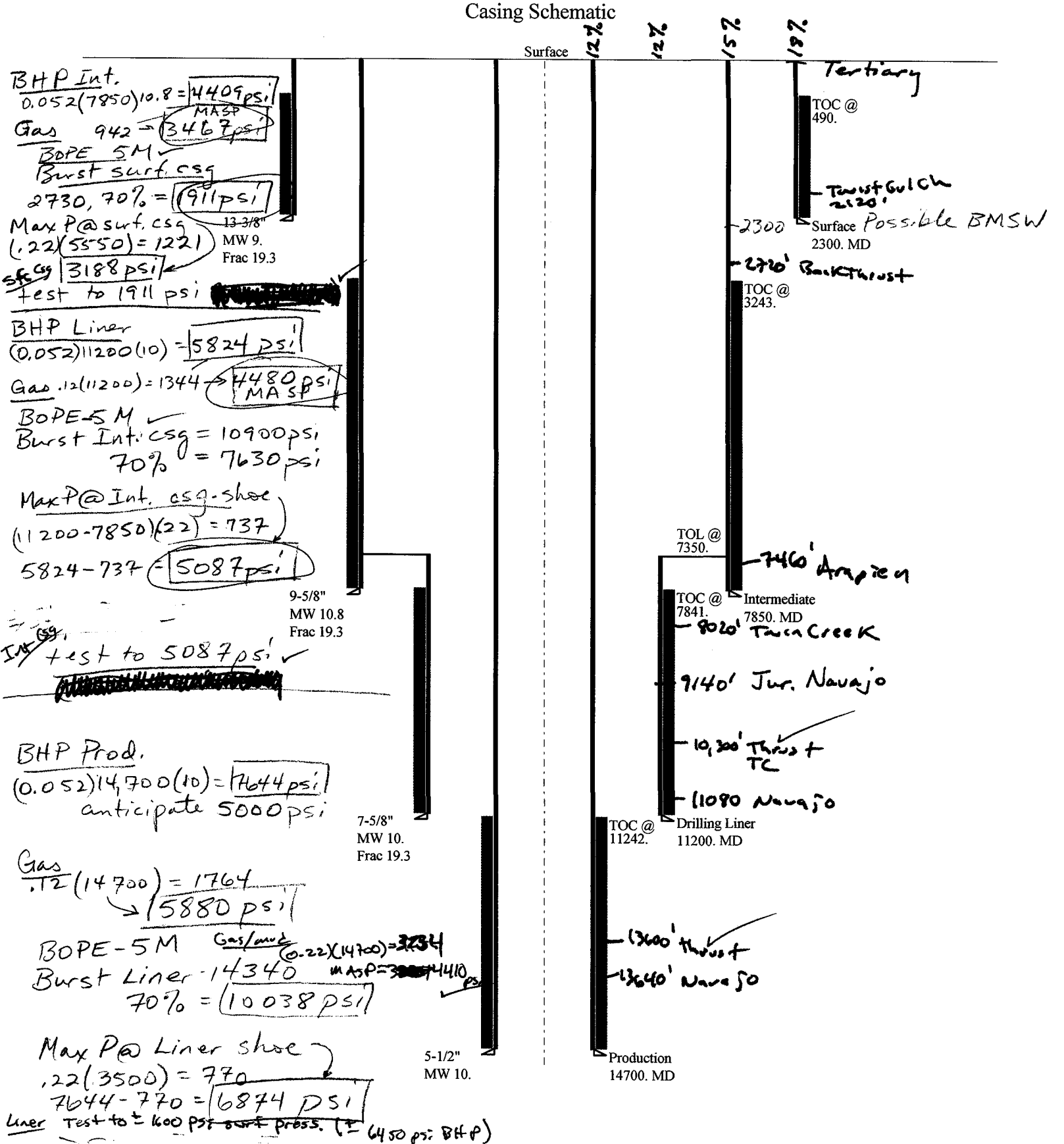
Jones & DeMille Engineering
1535 South 100 West - Richfield, Utah 84701
Phone (435) 896-8266 Fax (435) 896-8268
www.jonesanddemille.com

SCALE: 1" = 2000'

	Petro-Hunt, L.L.C.	FIGURE: 1
	Lamb Trust #31B-1-1	
	Vicinity Map	
DRAWN: T.W.G. 06/22/06	PEN TBL: _1stndrd-hp2600.ctb	PROJECT: 0606-130
CHECK: T.R.G. 06/22/06	FILE: VICINITY	LAST UPDATE: 6/22/2006
		SHEET: 1

2006-11 Petro Hunt Lamb Trust 31B-1-1

Casing Schematic



Well name:	**2006-11 Petro Hunt Lamb Trust 31B-1-1**
Operator:	**Petro-Hunt L.L.C.**
String type:	Surface
Project ID:	43-039-30034
Location:	Sanpete County

Design parameters:

Collapse
Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 2,024 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,300 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 1,994 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 107 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 250 ft

Cement top: 490 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 7,850 ft
Next mud weight: 10.800 ppg
Next setting BHP: 4,404 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,300 ft
Injection pressure: 2,300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	2300	13.375	54.50	J-55	ST&C	2300	2300	12.49	1996.3

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1075	1130	1.051 ✓	2300	2730	1.19 ✓	109	514	4.73 J ✓

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Minerals
Phone: 801-538-5357
FAX: 801-359-3940
Date: November 1,2006
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 2300 ft, a mud weight of 9 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**2006-11 Petro Hunt Lamb Trust 31B-1-1**
Operator:	**Petro-Canada Resources (USA)**
String type:	Intermediate
Project ID:	43-039-30034
Location:	Sanpete County

Design parameters:

Collapse

Mud weight: 10.800 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 3,354 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,081 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on buoyed weight.
Neutral point: 6,570 ft

Environment:

H2S considered?	No
Surface temperature:	75 °F
Bottom hole temperature:	185 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	1,500 ft
Cement top:	3,243 ft

Non-directional string.

Re subsequent strings:

Next setting depth:	11,200 ft
Next mud weight:	10.000 ppg
Next setting BHP:	5,818 psi
Fracture mud wt:	19.250 ppg
Fracture depth:	7,850 ft
Injection pressure:	7,850 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	7850	9.625	53.50	P-110	LT&C	7850	7850	8.5	3118.9

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4404	7950	1.805 ✓	5081	10900	2.15 ✓	352	1422	4.05 J ✓

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Minerals
Phone: 801-538-5280
FAX: 801-359-3940
Date: November 1,2006
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 7850 ft, a mud weight of 10.8 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**2006-11 Petro Hunt Lamb Trust 31B-1-1**
Operator:	**Petro-Canada Resources (USA)**
String type:	Drilling Liner
Project ID:	43-039-30034
Location:	Sanpete County

Design parameters:

Collapse
Mud weight: 10.000 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 4,402 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 6,866 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 10,634 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 232 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 7,841 ft

Liner top: 7,350 ft
Non-directional string.

Re subsequent strings:
Next setting depth: 14,700 ft
Next mud weight: 10.000 ppg
Next setting BHP: 7,636 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 11,200 ft
Injection pressure: 11,200 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	3800	7.625	39.00	Q-125	HD-L	11200	11200	6.5	909.7

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	5818	12060	2.073 ✓	6866	14340	2.09 ✓	126	867	6.88 J ✓

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Minerals
Phone: 801-538-5280
FAX: 801-359-3940
Date: November 1,2006
Salt Lake City, Utah

Remarks:
For this liner string, the top is rounded to the nearest 100 ft.Collapse is based on a vertical depth of 11200 ft, a mud weight of 10 ppg The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**2006-11 Petro Hunt Lamb Trust 31B-1-1**
Operator:	**Petro-Canada Resources (USA)**
String type:	Production
Project ID:	43-039-30034
Location:	Sanpete County

Design parameters:

Collapse

Mud weight: 10.000 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 4,402 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 7,636 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 12,475 ft

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 281 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 11,242 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	14700	5.5	20.00	L-80	Buttress	14700	14700	4.653	1830.4

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	7636	8830	1.156 ✓	7636	8990	1.18 ✓	249	466	1.87 B ✓

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Minerals
Phone: 801-538-5280
FAX: 801-359-3940
Date: November 1,2006
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 14700 ft, a mud weight of 10 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/20/2006

API NO. ASSIGNED: 43-039-30034

WELL NAME: LAMB Trust 31B-1-1

OPERATOR: PETRO-HUNT, LLC (N2815)

PHONE NUMBER: 701-863-6622

CONTACT: DON HAMILTON

PROPOSED LOCATION:

NENW 31 150S 030E

SURFACE: 712 FNL 2584 FWL

BOTTOM: 712 FNL 2584 FWL

COUNTY: SANPETE

LATITUDE: 39.47475 LONGITUDE: -111.6287

UTM SURF EASTINGS: 445927 NORTHINGS: 4369442

FIELD NAME: WILDCAT (1)

INSPECT LOCATN BY: / /		
Tech Review	**Initials**	**Date**
Engineering	DKD	1/17/07
Geology		
Surface		

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE

SURFACE OWNER: 4 - Fee

PROPOSED FORMATION: NAVA

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[] Sta[] Fee[]
(No. RLN0008181)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. Municipal)

Y RDCC Review (Y/N)
(Date: 08/19/2006)

Y Fee Surf Agreement (Y/N)

N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

____ R649-2-3.

Unit: _____

____ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

✓ R649-3-3. Exception

____ Drilling Unit

Board Cause No: _____

Eff Date: _____

Siting: _____

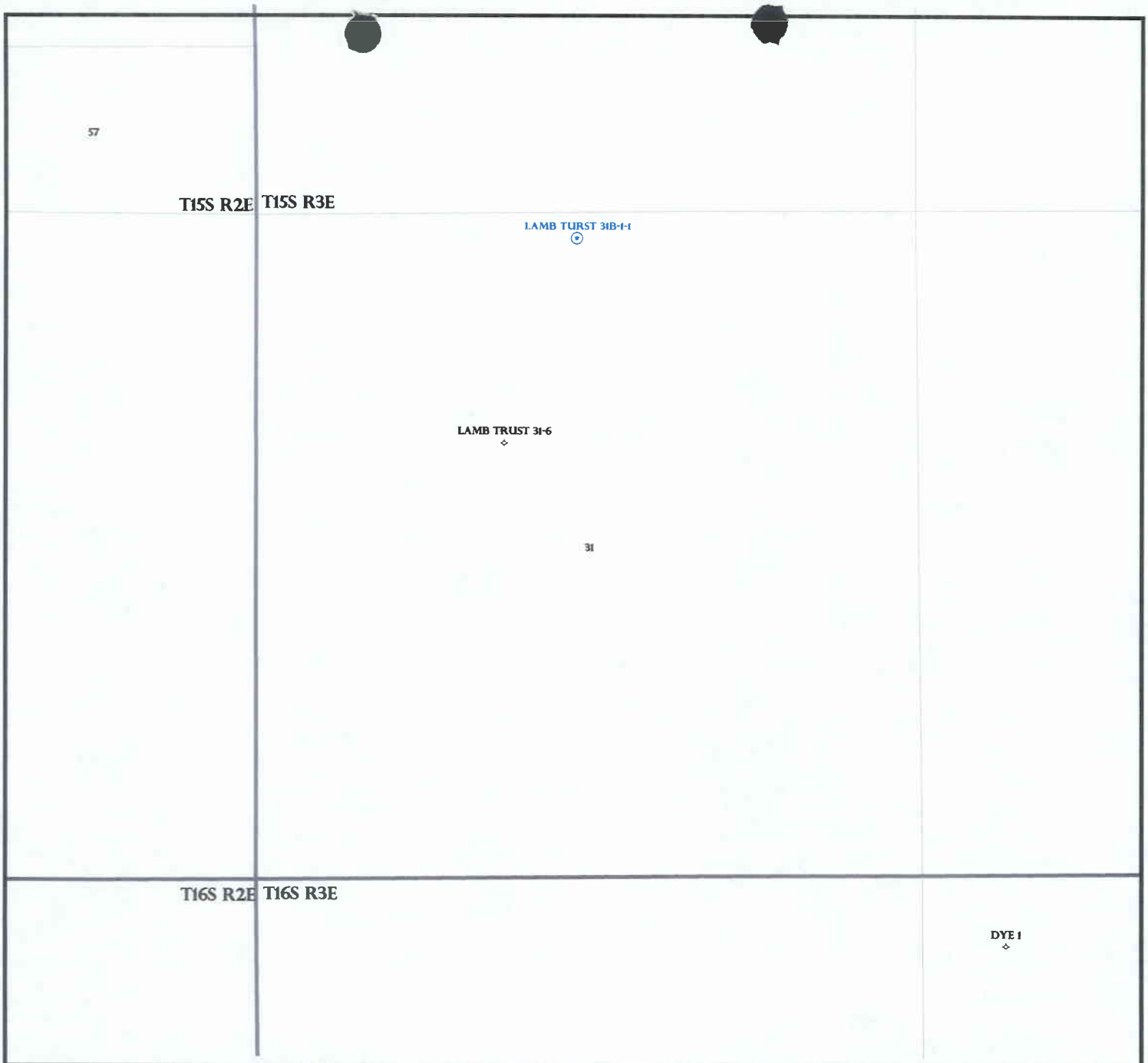
____ R649-3-11. Directional Drill

COMMENTS: Needs Presite (09-06-2006)

STIPULATIONS: 1- Spacing Stip

2- STATEMENT OF BASIS

3- Surface Csg Cmt Stip



OPERATOR: PETRO-HUNT LLC (N2815)

SEC: 31 T.15S R. 3E

FIELD: WILDCAT (001)

COUNTY: SANPETE

SPACING: R649-3-3 / EXCEPTION LOCATION

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

Utah Oil Gas and Mining

N
W E
S

PREPARED BY: DIANA WHITNEY
DATE: 04-AUGUST-2006

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
63	43-039-30034-00-00		OW	P	No

Operator PETRO-HUNT, LLC **Surface Owner-APD**
Well Name LAMB TURST 31B-1-1 **Unit**
Field WILDCAT **Type of Work**
Location NENW 31 15S 3E S 0 F L 0 F L GPS Coord (UTM) 445927E 4369280N

Geologic Statement of Basis

This location is placed just to the east of the south central portion of the Gunnison Plateau area, near the extreme western edge of the Colorado Plateau physiographic province in western central Utah. Some people have characterized this area as being in the Basin and Range - Colorado Plateau transition zone. It is otherwise characterized as being astride the Sevier Overthrust Belt. The location is on fee land just within a mile to the south of Wales, Utah, and about 1.5 miles west of the San Pitch River in Sanpete County. This location falls about a mile east of the plateau-bounding Wales-Gunnison backthrust fault. A well at this location will spud into a moderately permeable soil developed on Quaternary/Tertiary Coalesced Fan deposits. It is uncertain what strata lie beneath these deposits and no prognosticated tops, other than the Navajo Sandstone pay, are prognosticated by the Operator. Nearly a mile to the west , the nearest mapped exposures below the coalesced fan deposits are of the Jurassic Twist Gulch Formation. The area is in a secondary recharge area about 0.5 mile west of the transition to a valley fill discharge area. Considerable agricultural irrigation is occuring nearby. A significant near surface quality ground water resource exists in this valley with artesian wells within a mile of the location. Aquifers with drinking water quality [600 to 700 mg/l Total Dissolved Solids (TDS)] ground water resources are likely to be encountered. A P&A'd well, about 1.2 miles southeast, encountered two water sands within the first 50' of 24" conductor casing hole. Many underground water rights have been filed within a mile of the location, with wells drilled as deep as 365'. Division personnel have described nearby water wells as being thermal and having 400 to 600 pounds formation pressure. The hole will be drilled with a fresh water and gel mud system to 2,300' TD to set the 13 3/8" surface casing. Formation tops from some nearby P&A'd wells indicate that this may be a reasonable Surface Casing seat into the Arapien Shale if diapiric flow is encountered along the backthrust fault. The intermediate hole will be drilled with a saturated salt mud system. It is anticipated that this mud system is designed to deal with the evaporites of the Arapien Shale. Any water encountered in the Arapien Shale is likely to be of poor quality. A Division of Water Rights publication notes that aquifers in close proximity to the Arapien Shale are also likely to contain ground water with high TDS levels. It is not known where the Base of Moderately Saline Ground Water is but it is not unreasonable to expect a rapid transition from the better quality resource near the surface to ground water with considerably higher Total Dissolved Solids concentrations around Surface Casing depth. A casing, cementing and drilling fluid program as described above should be sufficient to control and isolate the poor quality ground waters expected to be encountered at that depth in a well at this location if sufficient good quality cement is placed to overlap the Surface and Intermediate Casing strings.

Chris Kierst — 10/5/2006
APD Evaluator — **Date / Time**

Surface Statement of Basis

Participating in the pre-site evaluation were; M. Jones (UDOGM), John Wunderlick, Ray Lewis (Petro-Hunt), Ron Lamb and Marie Lamb as well as Jeff Lamb (surface ownership representation).Location is staked ~1.0 mile south of Wales, Utah. The location is planned and staked to be built on 2 adjacent parcels of property. The landowners of the west parcel (where the wellbore will be located) is the Ben Glade Lamb Family Living Trust, represented by Jeff Lamb. The east parcel is owned by Ron Lamb. The fence currently seperating the two parcels will be re-routed arround the bottom of the location (to the east). Both landowners are in agreement and cooperation with the operator on this matter. The properties are both used for grazing cattle and other

agricultural activities. Based on the pit evaluation ranking and score the reserve pit will be required to be lined.

Mark Jones	9/6/2006
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator PETRO-HUNT, LLC
Well Name LAMB TURST 31B-1-1
API Number 43-039-30034-0 **APD No** 63 **Field/Unit** WILDCAT
Location: 1/4,1/4 NENW **Sec** 31 **Tw** 15S **Rng** 3E 0 FL 0 FL
GPS Coord (UTM) 445943 4369279 **Surface Owner**

Participants

M. Jones (UDOGM), John Wunderlick, Ray Lewis (Petro-Hunt), Ron Lamb and Marie Lamb as well as Jeff Lamb (surface ownership representation).

Regional/Local Setting & Topography

Location is staked ~1.0 mile south of Wales, Utah. The location is planned and staked to be built on 2 adjacent parcels of property. The landowners of the west parcel (where the wellbore will be located) is the Ben Glade Lamb Family Living Trust, represented by Jeff Lamb. The east parcel is owned by Ron Lamb. The fence currently seperating the two parcels will be re-routed arround the bottom of the location (to the east). Both landowners are in agreement and cooperation with the operator on this matter. The properties are both used for grazing cattle and other agricultural activities.

Surface Use Plan

Current Surface Use
Agricultural
Grazing

New Road Miles	Well Pad		Src Const Material	Surface Formation
0	**Width** 300	**Length** 430	Onsite	

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland Y
small dry wash drainages begin to develop near proposed location.

Flora / Fauna
Sagebrush / June grass community.

Soil Type and Characteristics
clay loam

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required Y
all drainages should be diverted away from wellpad.

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potental Observed?** N **Cultural Survey Run?** N **Cultural Resources?** N

Reserve Pit

Site-Specific Factors			Site Ranking	
Distance to Groundwater (feet)	>200		0	
Distance to Surface Water (feet)	>1000		0	
Dist. Nearest Municipal Well (ft)	1320 to 5280		5	
Distance to Other Wells (feet)	300 to 1320		10	
Native Soil Type	Mod permeability		10	
Fluid Type	TDS>10000		15	
Drill Cuttings	Salt or Detrimental		10	
Annual Precipitation (inches)	10 to 20		5	
Affected Populations	>50		10	
Presence Nearby Utility Conduits	Unknown		10	
		Final Score	75	1 **Sensitivity Level**

Characteristics / Requirements

dugout earthen (90' x 205' x 14'). Lined.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 12 **Pit Underlayment Required?** N

Other Observations / Comments

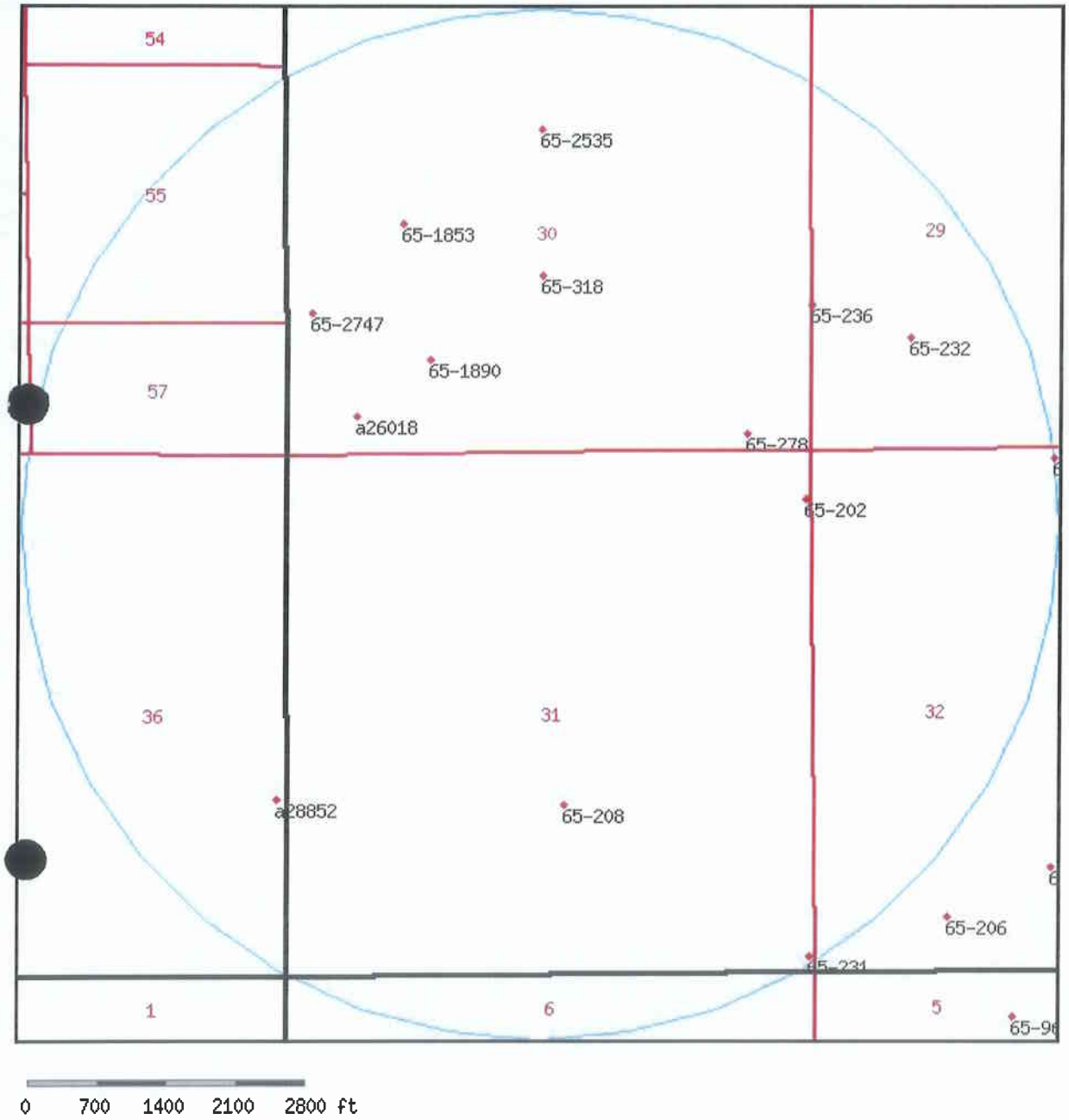
Mark Jones	9/6/2006
Evaluator	**Date / Time**

UTAH DIVISION OF WATER RIGHTS

WRPLAT Program Output Listing

Version: 2004.12.30.00 Rundate: 10/05/2006 05:40 PM

Radius search of 5280 feet from a point S712 E2584 from the NW corner, section 31, Township 15S, Range 3E, SL b&m Criteria:wrtypes=W,C,E podtypes=all status=U,A,P usetypes=all



Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner Name
65-1612	Underground	well info	P	19690324	S	0.009	0.000	GRETA M. DAVIS
	S103 W200 N4 32 15S 3E SL							P.O. BOX 4262
65-1853	Underground		P	19760601	IS	0.015	0.000	ROBERT R. JACKMAN
	N2374 E1154 SW 30 15S 3E SL							P.O. BOX 647
65-1890	Underground		P	19770325	DIS	0.015	0.000	P.S.A. AND SONS INCORPORATED
	N970 E1440 SW 30 15S 3E SL							C/O PAUL D. ANDERSON (MANAGER)
65-202	Underground		P	19520505	S	0.015	0.000	LOUIS U. MUMFORD
	S495 W66 NE 31 15S 3E SL							WALES UT 84667
65-204	Underground		P	19520515	S	0.015	0.000	LAWRENCE THOMAS
	N1073 E2393 SW 32 15S 3E SL							WALES UT 84667
65-206	Underground		P	19520522	S	0.015	0.000	H. RICHARD THOMAS
	N571 E1332 SW 32 15S 3E SL							SANTA ROSA CA
65-208	Underground		P	19520710	S	0.015	0.000	NEWEL F. REESE
	N1716 W2574 SE 31 15S 3E SL							WALES UT 84667
65-231	Underground		P	19530526	S	0.015	0.000	RALPH WASHBURN
	N165 W66 SE 31 15S 3E SL							WALES UT 84667
65-232	Underground		P	19530606	S	0.015	0.000	LLOYD PRICE
	N1155 E990 SW 29 15S 3E SL							WALES UT 84667
65-236	Underground		P	19530925	S	0.015	0.000	LLOYD PRICE
	N1485 0 SW 29 15S 3E SL							WALES UT 84667
65-2535	Underground	well info	P	18580000	IMS	0.410	47.250	TOWN OF WALES

	N3332 E2559 SW 30 15S 3E SL					P.O. BOX 4262
65-2747	Underground	well info	A	19960821 DIS	0.015 0.000	KARL S. AND LESLIE CLAWSON
	N1450 E250 SW 30 15S 3E SL					P.O. BOX 4235
65-278	Underground		P	19550910 S	0.015 0.000	DAVID C. REES
	N165 W660 SE 30 15S 3E SL					WALES UT 84667
65-318	Underground		P	19580129 D	0.015 0.000	NEWEL FRANK AND EUNICE L. REES
	S3465 E2640 NW 30 15S 3E SL					94 W. 100 N.
65-963	Underground		P	19000000 DS	0.004 0.000	MILTON BEAL
	S482 W678 N4 05 16S 3E SL					C/O JOHN S. BEAL
a26018	Underground	well info	A	20011004 O	0.003 0.500	KARL AND LESLIE CLAWSON
	N400 E700 SW 30 15S 3E SL					P.O. BOX 4235
a28852	Underground	well info	A	20040409 DI	0.002 1.000	CECIL AND LIZ CLAWSON
	N1815 W100 SE 36 15S 2E SL					P.O. BOX 4191

STATE ACTIONS
Resource Development Coordinating Committee
Governor's Office of Planning and Budget
5110 State Office Building
SLC, UT 84114
Phone No. 537-9230

1. State Agency	**2. Approximate date project will start:**
Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	Upon Approval or August 18, 2006

3. Title of proposed action:
Application for Permit to Drill

4. Description of Project:

Petro-Hunt, LLC proposes to drill the Lamb Trust 31B-1-1 well (wildcat) on a Fee lease Fee, Sanpete County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.

5. Location and detailed map of land affected (site location map required, electronic GIS map preferred)
(include UTM coordinates where possible) **(indicate county)**
178' FNL 2590' FWL, NE/4 NW/4,
Section 31, Township 15 South, Range 3 East, Sanpete County, Utah

6. Possible significant impacts likely to occur:
Surface impacts include up to five acres of surface disturbance during the drilling and completion phase (estimated for five weeks duration). If oil and gas in commercial quantities is discovered, the location will be reclaimed back to a net disturbance of between one and two acres – not including road, pipeline, or utility infrastructure. If no oil or gas is discovered, the location will be completely reclaimed.

7. Identify local government affected
a. Has the government been contacted? No.
b. When?
c. What was the response?
d. If no response, how is the local government(s) likely to be impacted?

8. For acquisitions of land or interests in land by DWR or State Parks please identify state representative and state senator for the project area. Name and phone number of state representative, state senator near project site, if applicable:
a. Has the representative and senator been contacted? N/A

9. Areawide clearinghouse(s) receiving state action: (to be sent out by agency in block 1)
Six County Association of Governments

10. For further information, contact:	**11. Signature and title of authorized officer**
Diana Whitney **Phone:** (801) 538-5312	Don Staley for Gil Hunt, Associate Director **Date:** August 4, 2006

SURFACE DAMAGE AGREEMENT

This Agreement is between, of THE BEN D. LAMB AND ANITA J. LAMB FAMILY REVOCABLE LIVING TRUST, hereinafter referred to a "Lessor", whose address is HC 13 Box 4205, Wales, UT 84667 and Petro-Hunt, L.L.C., hereinafter referred to as "Operator", whose address is Suite 3400; 1601 Elm Street; Dallas, Texas 75201

The above parties agree to the basic understanding as follows:

Prior to the commencement of any drilling operation by Operator on any land in Sanpete County, Utah on which Lessor owns surface rights ("Subject Lands"), Operator shall make the following payments as full and complete compensation for damage to the surface:

- $500 per acre for each drill-site location and its associated access road

Operator's use of, and access to, the Subject Lands is at its own cost and risk. Operator agrees to bear all liabilities caused by its operations. A copy of Operator's State of Utah Blanket Bond in the amount of up to $120,000 is attached hereto as Exhibit 'A'. Operator's proof of liability insurance will be furnished to Lessor.

(1) Operator shall obtain Lessor's consent to the location of all access roads, which consent shall not be unreasonably withheld. Access roads shall not exceed 30 feet in width. All pipelines, power lines, and telephone lines that will be permanent will be buried below plow depth and mapped unless otherwise agreed. In the event of a dry hole, the drill site and roadways will be restored as required by law to as near as original condition as possible, or to Lessor's specifications. Lessor herby gives its consent to the approximate location of the access road for the ~~Lamb Trust 31B~~ as depicted on the plat attached hereto as Exhibit "B".it

(2) Unauthorized personnel, contractors, etc. will not have access to or be allowed on any drilling locations hereunder. Operator will make a reasonable effort to have a company representative on the location at all times during drilling/completion operations. Firearms, liquor, and drugs shall be prohibited from all well locations and access roads covered by this agreement.

(3) Operator will reimburse Lessor for loss, damage, injury or death of Lessor's livestock caused by or directly related to Operator's exploration and production of oil or gas on any lands covered by this agreement. Operator will recompense Lessor at a fair market value plus associated replacement costs, if any relative to any livestock covered by this paragraph 3.

(4) Operator will not bring permanent electric utilities onto the subject Property without first receiving written approval from the Lessor, which shall not be unreasonably withheld.

(5) Unless otherwise agreed, Operator will at all times keep all fencing and gates within the vicinity of the roads and the drilling site utilized by the Operator under this agreement in a condition suitable to contain livestock.

PROPERTY RECLAMATION AGREEMENT

1. All topsoil will be stripped, stockpiled, and then replaced to support re-vegetation.

2. Ditches, and culverts, gates, cattle guards will be returned as nearly as possible to original condition as required by law.

3. Reclamation work will be accomplished in a timely manner. Natural causes such as unusual weather conditions or ground settling or other force majeure events may delay reclamation.

4. All construction and maintenance costs relating to roads, drill pads, equipment and facilities hereunder shall be born by Operator.

This agreement shall be binding upon Operator and Lessor, their respective heirs, executors, administrators, successors, and assigns and upon Operator, its executors, administrators, successors, and assigns. This agreement pertains to only to all surface areas owned by Lessor which may be disturbed in exploration and/or development by Operator, its contractors, subcontractors and/or designees.

Dated this 18th day of July, 2006.

Lessor and Surface Owner:
THE BEN D. LAMB AND ANITA J. LAMB FAMILY REVOCABLE TRUST

Ron Lamb, as Power of Attorney for Anita J. Lamb, aka Anita J. Carter

Operator:
Petro-Hunt, L.L.C.

James F. Clarke, Vice President

Exhibit "A"

Attached to and made a part of that certain Surface Damage Agreement dated July 12, 2006 between The Ben D. Lamb and Anita J. Lamb Family Revocable Living Trust and Petro-Hunt, L.L.C. covering lands in Sanpete County, Utah.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 4A

Bond No. RLB0008181

SURETY BOND

KNOW ALL MEN BY THESE PRESENTS:

That we (operator name) Petro-Hunt, L.L.C. as Principal, and

(surety name) RLI Insurance Company as Surety, duly authorized and qualified to do business in the State of Utah, are held and firmly bound unto the State of Utah in the sum of:

One Hundred Twenty Thousand and no/100---------- dollars ($ 120,000.00-------) lawful money of the United States, payable to the Director of the Division of Oil, Gas and Mining, as agent of the State of Utah, for the use and benefit of the State of Utah for the faithful payment of which we bind ourselves, our heirs, executors, administrators and successors jointly and severally by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT, WHEREAS the Principal is or will be engaged in the drilling, redrilling, deepening, repairing, operating, and plugging and abandonment of a well or wells and restoring the well site or sites in the State of Utah for the purposes of oil or gas production and/or the injection and disposal of fluids in connection therewith for the following described land or well:

X Blanket Bond: To cover all wells drilled in the State of Utah

____ Individual Bond: Well No: _____

Section: _____ Township: _____ Range: _____

County: _____, Utah

NOW, THEREFORE, if the above bounden Principal shall comply with all the provisions of the laws of the State of Utah and the rules, orders and requirements of the Board of Oil, Gas and Mining of the State of Utah, including, but not limited to the proper plugging and abandonment of wells and well site restoration then this obligation is void; otherwise, the same shall be and remain in full force and effect

IN TESTIMONY WHEREOF, said Principal has hereunto subscribed its name and has caused this instrument to be signed by its duly authorized officers and its corporate or notary seal to be affixed this

19th day of May, 20 05.

(Corporate or Notary Seal here)

Attestee: _____ Date: _____

By

Petro-Hunt, L.L.C.
Principal (company name)

[illegible]
Name (print) Title

T A Welsh
Signature

IN TESTIMONY WHEREOF, said Surety has caused this instrument to be signed by its duly authorized officers and its corporate or notary seal to be affixed this

19th day of May, 20 05

(Corporate or Notary Seal here)

Attestee: _____ Date: _____

By

RLI Insurance Company
Surety Company (Attach Power of Attorney)

Greg E. Carlson, Attorney-in-Fact
Name (print) Title

Greg E Carlson
Signature

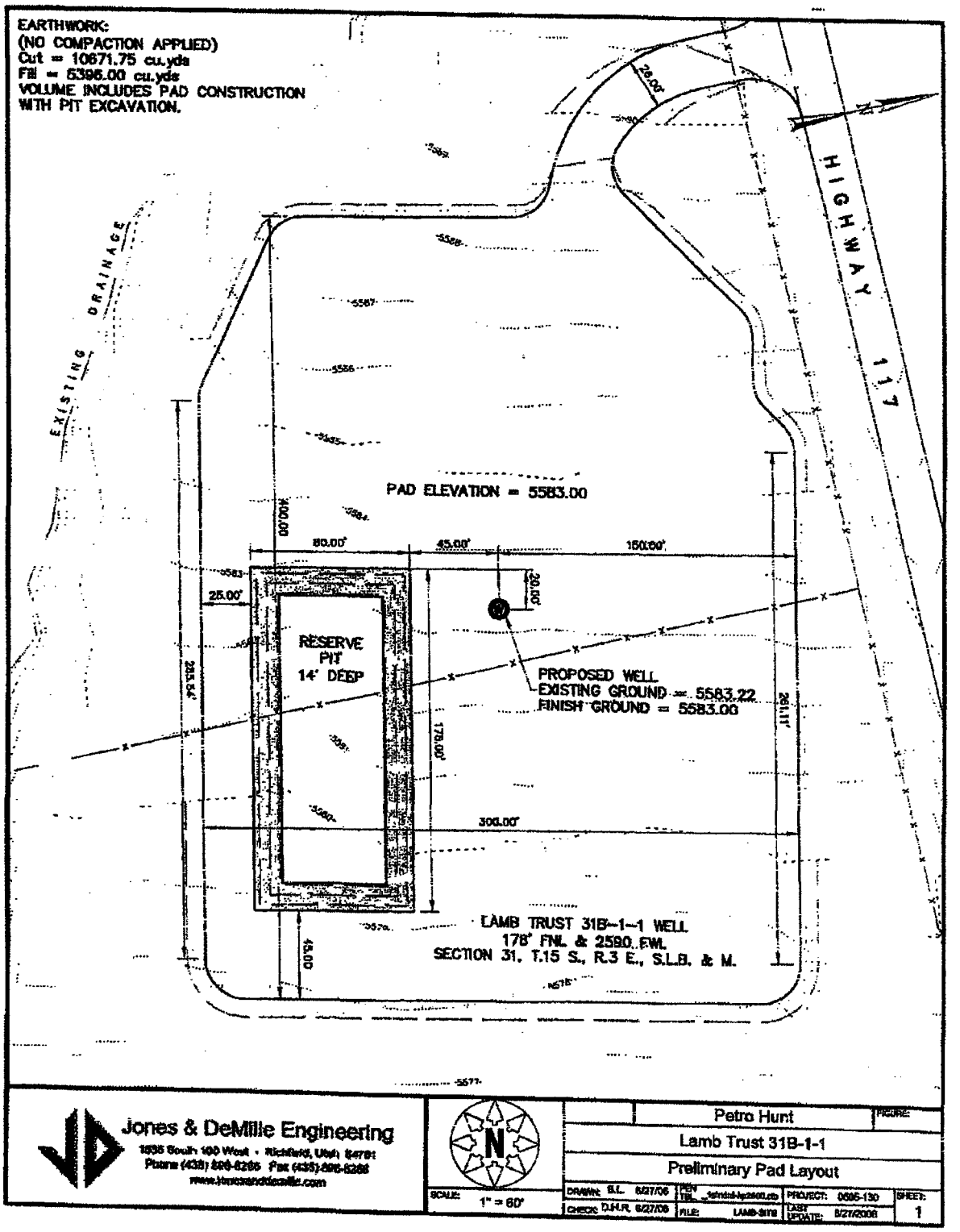
8 Greenway Plaza, Suite 400
Surety Mailing Address

Houston TX 77046
City State Zip

(5/2002)

Exhibit "B"

Attached to and made a part of that certain Surface Damage Agreement dated July 18, 2006 between The Ben D. Lamb and Anita J. Lamb Family Revocable Living Trust and Petro-Hunt, L.L.C. covering lands in Sanpete County, Utah.



43-039-30034

From: Robert Clark
To: Whitney, Diana
Date: 8/14/2006 10:34:14 AM
Subject: RDCC short turn around responses

The following comments are provided in response to short turn around items **RDCC #6916** through **RDCC #6921,** and **RDCC #6943.**

RDCC #6916, Comments begin: The proposal of Enduring Resources, LLC to drill the **Southam Canyon 10-25-34-32** wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board if any compressor or pump stations are constructed at the site. If a permit is required, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The guidelines for preparing an NOI are available on-line at http://www.airquality.utah.gov/Permits/FORMS/NOIGuide8.pdf. The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end. RDCC #6917, Comments begin:** The proposal of Enduring Resources, LLC to drill the **Southam Canyon 10-25-14-32** wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board if any compressor or pump stations are constructed at the site. If a permit is required, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The guidelines for preparing an NOI are available on-line at http://www.airquality.utah.gov/Permits/FORMS/NOIGuide8.pdf. The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end. RDCC #6918, Comments begin:** The proposal of Enduring Resources, LLC to drill the **Southam Canyon 10-25-11-32** wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board if any compressor or pump stations are constructed at the site. If a permit is required, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The guidelines for preparing an NOI are available on-line at http://www.airquality.utah.gov/Permits/FORMS/NOIGuide8.pdf. The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end. RDCC #6919, Comments begin:** The proposal of the Houston Exploration Company to drill the **North Horseshoe 5-16-6-22** wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board if any compressor or pump stations are constructed at the site. If a permit is required, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The guidelines for

preparing an NOI are available on-line at http://www.airquality.utah.gov/Permits/FORMS/NOIGuide8.pdf. The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end. RDCC #6920, Comments begin:** The proposal of Petro-Hunt, LLC to drill the **Vonda H. Christensen Family LP 35A-3-1** wildcat well, in Sanpete County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board if any compressor or pump stations are constructed at the site. If a permit is required, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The guidelines for preparing an NOI are available on-line at http://www.airquality.utah.gov/Permits/FORMS/NOIGuide8.pdf. The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end. RDCC #6921, Comments begin:** The proposal of Petro-Hunt, LLC to drill the **Lamb Trust 31B-1-1** wildcat well, in Sanpete County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board if any compressor or pump stations are constructed at the site. If a permit is required, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The guidelines for preparing an NOI are available on-line at http://www.airquality.utah.gov/Permits/FORMS/NOIGuide8.pdf. The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end. RDCC #6943, Comments begin:** The proposal of Enduring Resources, LLC to drill the **Long Draw 12-24-31-26** wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board if any compressor or pump stations are constructed at the site. If a permit is required, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The guidelines for preparing an NOI are available on-line at http://www.airquality.utah.gov/Permits/FORMS/NOIGuide8.pdf. The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.** Robert ClarkDivision of Air Quality536-4435

CC: Mcneill, Dave; Wright, Carolyn

Dalro-Hunt 43-034-30034

MEMORANDUM

DATE: August 15, 2006

TO: Utah Division of Oil, Gas and Mining, Forestry, Fire, and State Lands, and Resource Development Coordinating Committee

FROM: Utah Geological Survey, Ground Water and Paleontology Program

SUBJECT: UGS comments on RDCC items 6916, 6917, 6918, 6919, 6920, 6921, 6922, and 6943.

6916. Division of Oil, Gas and Mining # ML-47065
Short Turn Around; Sec. 32, T10S, R25E
Uintah Co.
Application for Permit to Drill - proposal to drill a wildcat well the Southam Canyon 10-25-34-32 on a State lease ML-47065

Although there are no paleontological localities recorded in our files in this project area, it is mapped as T3 (Eocene Uinta and Duchesne River Formations) on the Utah State Geological Map. The Uinta and Duchesne River Formations are among the most paleontological sensitive rock units in Utah and have a strong potential for yielding significant vertebrate fossil localities. The office of the State paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements.

6917. Division of Oil, Gas and Mining
Short Turn Around;; Sec. 32, T10S, R25E
Uintah Co.
Application for Permit to Drill - proposal to drill a wildcat well the Southam Canyon 10-25-14-32 on a State lease ML-47065

Although there are no paleontological localities recorded in our files in this project area, it is mapped as T3 (Eocene Uinta and Duchesne River Formations) on the Utah State Geological Map. The Uinta and Duchesne River Formations are among the most paleontological sensitive rock units in Utah and have a strong potential for yielding significant vertebrate fossil localities. The office of the State paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements.

6918. Division of Oil, Gas and Mining
Short Turn Around; Sec. 32, T10S, R25E
Uintah Co.
Application for Permit to Drill - proposal to drill the Southam Canyon 10-25-11-32 on a State lease ML-47065

Although there are no paleontological localities recorded in our files in this project area, it is mapped as T3 (Eocene Uinta and Duchesne River Formations) on the Utah State Geological Map. The Uinta and Duchesne River Formations are among the most paleontological sensitive rock units in Utah and have a strong potential for yielding significant vertebrate fossil localities. The office of the State paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements.

6919. Division of Oil, Gas and Mining
Short Turn Around; Sec. 16, T6S, R22E
Uintah Co.
Application for Permit to Drill - proposal to drill a wildcat well the North Horseshoe 5-16-6-22 on a State lease ML-47969

Although there are no paleontological localities recorded in our files in this project area, it is mapped as T3 (Eocene Uinta and Duchesne River Formations) on the Utah State Geological Map. The Uinta and Duchesne River Formations are among the most paleontological sensitive rock units in Utah and have a strong potential for yielding significant vertebrate fossil localities. The office of the State paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements.

6920. Division of Oil, Gas and Mining
Short Turn Around; Sec. 35, T16S, R2E
Sanpete Co.
Application for Permit to Drill - proposal to drill a wildcat well the Vonda H. Christ. Fam. 35A-3-1 on a Fee lease

Although there are no paleontological localities recorded in our files in this project area, it is mapped as T3 (Eocene Uinta and Duchesne River Formations) on the Utah State Geological Map. The Uinta and Duchesne River Formations are among the most paleontological sensitive rock units in Utah and have a strong potential for yielding significant vertebrate fossil localities. The office of the State paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements.

6921. Division of Oil, Gas and Mining
Short Turn Around; Sec. 31, T15S, R3E
Sanpete Co.
Application for Permit to Drill - proposal to drill a wildcat well the Lamb Trust 31B-1-1 on a Fee lease Fee

Although there are no paleontological localities recorded in our files in this project area, it is mapped as T3 (Eocene Uinta and Duchesne River Formations) on the Utah State Geological Map. The Uinta and Duchesne River Formations are among the most paleontological sensitive rock units in Utah and have a strong potential for yielding significant vertebrate fossil localities. The office of the State paleontologist therefore recommends that a paleontological survey be conducted for this project and its

easements..

6922. Trust Lands Administration
Other Proposed Actions; State Land Proposals
Sec. 16, T10S, R18E; Uintah Co; Easement #1124

Two paleontological localities with vertebrate fossils, Utah Paleontological Localities Un 1699 and Un 1700, are recorded in our files in this project area. The project is mapped as T3 (Eocene Uinta and Duchesne River Formations) on the Utah State Geological Map. The Uinta and Duchesne River Formations are among the most paleontological sensitive rock units in Utah and have a strong potential for yielding significant vertebrate fossil localities. The office of the State paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements and, if these known critical fossil localities are to be impacted, they should be mitigated by a permitted paleontologist.

6943. Division of Forestry, Fire and State Lands
Short Turn Around; Drilling Permits; Sec. 26, T12S, R24E
Uintah Co.
Application for Permit to Drill - proposal to drill a wildcat well the Long Draw 12-24-31-26 on a State lease ML-47090

Although there are no paleontological localities recorded in our files in this project area, it is mapped as T3 (Eocene Uinta and Duchesne River Formations) on the Utah State Geological Map. The Uinta and Duchesne River Formations are among the most paleontological sensitive rock units in Utah and have a strong potential for yielding significant vertebrate fossil localities. The office of the State paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements.

43-039-30034

From: Carolyn Wright
To: Whitney, Diana
Date: 8/21/2006 9:19:50 AM
Subject: Fwd: RDCC short turn around responses

FYI

>>> Robert Clark 8/14/2006 10:33 AM >>>
The following comments are provided in response to short turn around items **RDCC #6916** through **RDCC #6921,** and **RDCC #6943.**

RDCC #6916, Comments begin: The proposal of Enduring Resources, LLC to drill the **Southam Canyon 10-25-34-32** wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board if any compressor or pump stations are constructed at the site. If a permit is required, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The guidelines for preparing an NOI are available on-line at http://www.airquality.utah.gov/Permits/FORMS/NOIGuide8.pdf. The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end. RDCC #6917, Comments begin:** The proposal of Enduring Resources, LLC to drill the **Southam Canyon 10-25-14-32** wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board if any compressor or pump stations are constructed at the site. If a permit is required, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The guidelines for preparing an NOI are available on-line at http://www.airquality.utah.gov/Permits/FORMS/NOIGuide8.pdf. The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end. RDCC #6918, Comments begin:** The proposal of Enduring Resources, LLC to drill the **Southam Canyon 10-25-11-32** wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board if any compressor or pump stations are constructed at the site. If a permit is required, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The guidelines for preparing an NOI are available on-line at http://www.airquality.utah.gov/Permits/FORMS/NOIGuide8.pdf. The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end. RDCC #6919, Comments begin:** The proposal of the Houston Exploration Company to drill the **North Horseshoe 5-16-6-22** wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board if any compressor or pump stations are constructed at the site. If a permit is required, a

permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The guidelines for preparing an NOI are available on-line at http://www.airquality.utah.gov/Permits/FORMS/NOIGuide8.pdf. The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end. RDCC #6920, Comments begin:** The proposal of Petro-Hunt, LLC to drill the **Vonda H. Christensen Family LP 35A-3-1** wildcat well, in Sanpete County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board if any compressor or pump stations are constructed at the site. If a permit is required, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The guidelines for preparing an NOI are available on-line at http://www.airquality.utah.gov/Permits/FORMS/NOIGuide8.pdf. The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end. RDCC #6921, Comments begin:** The proposal of Petro-Hunt, LLC to drill the **Lamb Trust 31B-1-1** wildcat well, in Sanpete County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board if any compressor or pump stations are constructed at the site. If a permit is required, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The guidelines for preparing an NOI are available on-line at http://www.airquality.utah.gov/Permits/FORMS/NOIGuide8.pdf. The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end. RDCC #6943, Comments begin:** The proposal of Enduring Resources, LLC to drill the **Long Draw 12-24-31-26** wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board if any compressor or pump stations are constructed at the site. If a permit is required, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The guidelines for preparing an NOI are available on-line at http://www.airquality.utah.gov/Permits/FORMS/NOIGuide8.pdf. The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.** Robert ClarkDivision of Air Quality536-4435

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
7. UNIT or CA AGREEMENT NAME: N/A
8. WELL NAME and NUMBER: Lamb Trust 31B-1-1
9. API NUMBER: 4303930034
10. FIELD AND POOL, OR WILDCAT: Wildcat

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

2. NAME OF OPERATOR: Petro-Hunt, L.L.C.

3. ADDRESS OF OPERATOR: 258 - 119th Ave. SW CITY Killdeer STATE ND ZIP 58640 PHONE NUMBER: (701) 863-6622

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 178' FNL & 2,590' FWL, COUNTY: Sanpete
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 31 15S 3E S STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 10/6/2006	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: 534' relocation
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Petro-Hunt, L.L.C. requests permission to relocate the surface and bottomhole location for the referenced well 534' south prior to approval of the previously submitted APD. The new location avoids an exception to spacing issue on an offset tract. Following is the updated location information for the Lamb Trust 31B-1-1:

Surface & Target Location: 712' FNL & 2,584' FWL, NE/4 NW/4, Section 31, T15S, R3E, SLB&M

Attached please find an updated Form 3 and plat package to replace those previously submitted within the APD package.

A request for exception to spacing (R649-3-2) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Petro-Hunt, L.L.C. is the only owner and operator within 460' of the proposed well and all points along the intended well bore path.

ORIGINAL **CONFIDENTIAL**

NAME (PLEASE PRINT) Don Hamilton TITLE Agent for Petro-Hunt, L.L.C.

SIGNATURE Don Hamilton DATE 9/12/2006

(This space for State use only)

(5/2000) (See Instructions on Reverse Side)

RECEIVED
SEP 18 2006
DIV. OF OIL, GAS & MINING

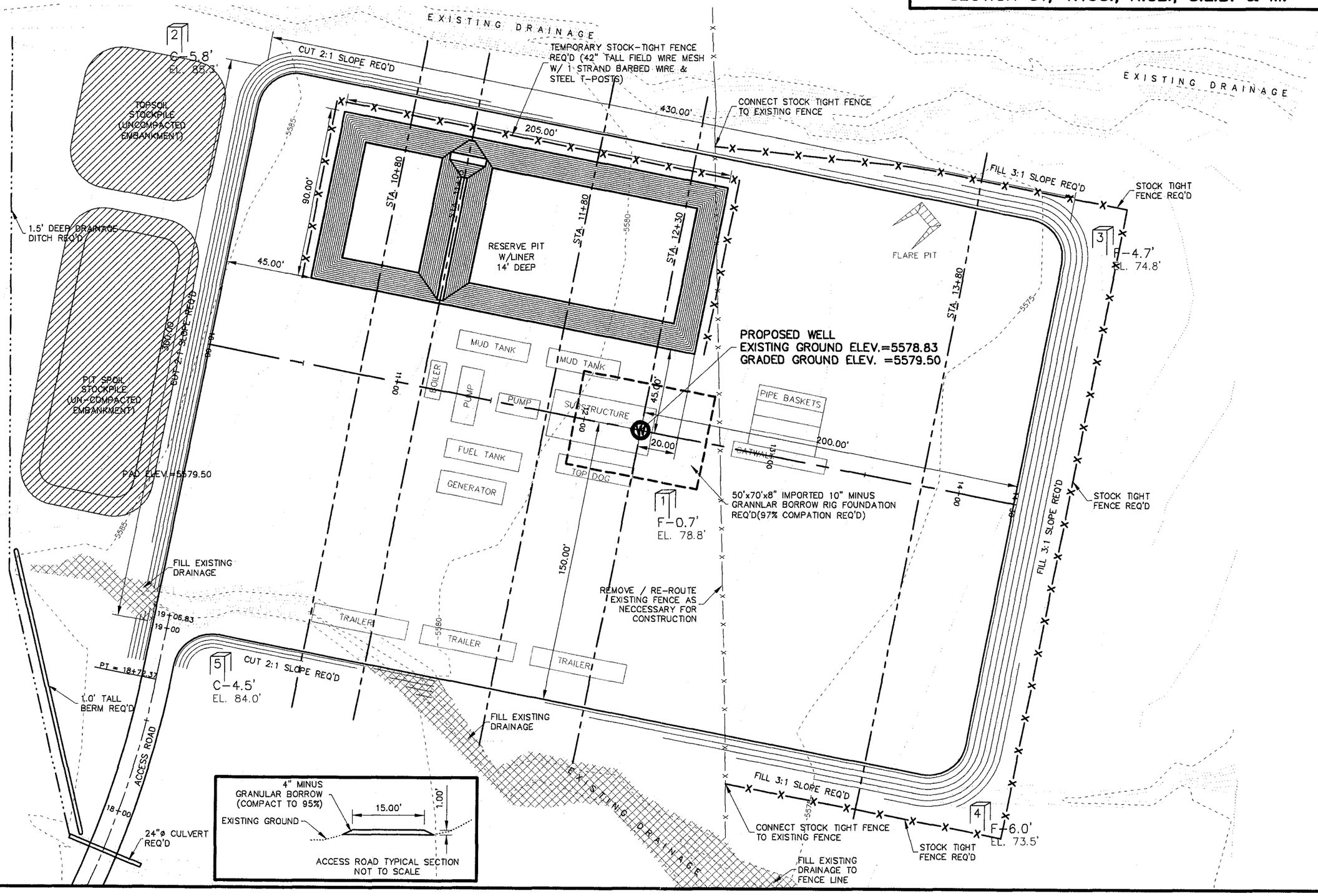
EARTHWORK:
Cut = 14,337 c.y. (INCLUDES PIT AND RIG FOUNDATION EXCAVATION)
Fill = 8,110 c.y. (NO SHRINK APPLIED)

PIT CAPACITY: 29,892 bbls
PIT EXCAVATION: 7000 c.y.

EXISTING GROUND ELEV. AT LAMB TRUST 31B-1-1 = 5578.83
GRADED GROUND ELEV. AT LAMB TRUST 31B-1-1 = 5579.50

SCALE
0 25 50 100

PETRO HUNT
LOCATION LAYOUT FOR
LAMB TRUST 31B-1-1 WELL
SECTION 31, T.15S., R.3E., S.L.B. & M.



NO.	DATE	DESIGN REV BY	MAPS CORR BY	PARCELS AFFECTED	REQUEST BY	REMARKS
						ORIGINAL SUBMISSION FOR AUTHORIZATION
						REVISIONS

SCALE: 1:50
DWG NAME: LAMB_SITE_SOU
SHT SET: ####
DWG CREATED: 07/17/2006
PEN TBL: _tstndrd-hp2000.ctb
LAST UPDATE: 9/9/2006

	CHECK	DATE	BY:
REVIEW	D.R.	07-06	
DESIGN	B.L.	07-06	
DRAWN	B.L.	07-06	
QUANT.	B.L.	07-06	

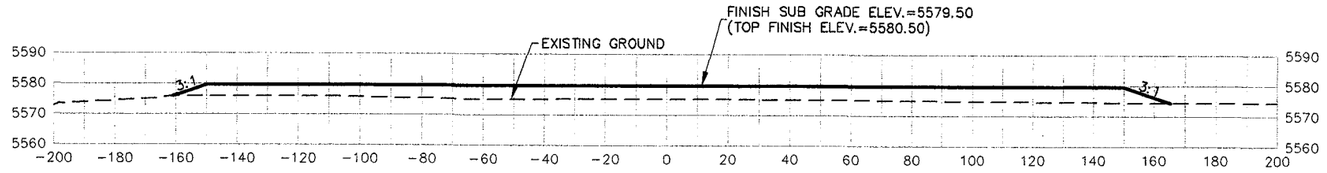
APPROVAL RECOMM. DATE PROJECT DESIGN ENGINEER
APPROVED DATE

PETRO HUNT
LAMB TRUST 31B-1-1
WELL LOCATION LAYOUT
PROJECT NUMBER: 0606-130

SANPETE COUNTY
SHEET NO. SP-02

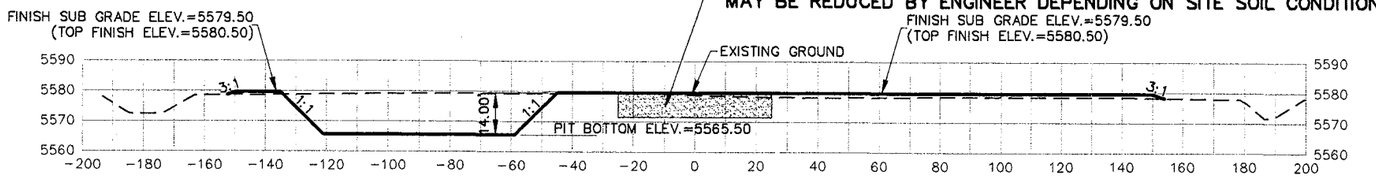
PETRO HUNT
LOCATION CROSS SECTIONS FOR
LAMB TRUST 31B-1-1 WELL
SECTION 31, T.15S., R.3E., S.L.B. & M.

SCALE
0 25 50 100

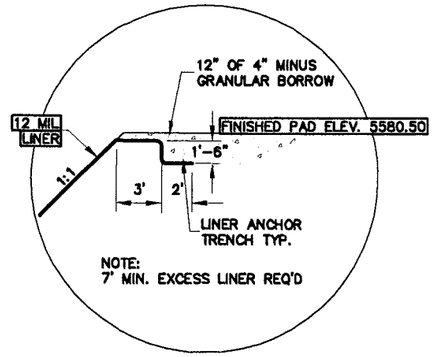


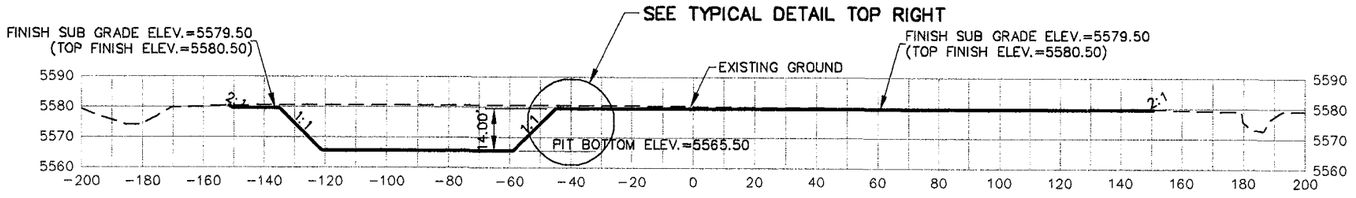
SECTION 13+80

50'x70'x8' THICK (MAX.) 10" MINUS IMPORTED G.B. COMPACTED FILL RIG FOUNDATION REQ'D (COMPACT TO 97% OF MAX. LABORATORY DENSITY. RIG FOUNDATION THICKNESS MAY BE REDUCED BY ENGINEER DEPENDING ON SITE SOIL CONDITIONS)

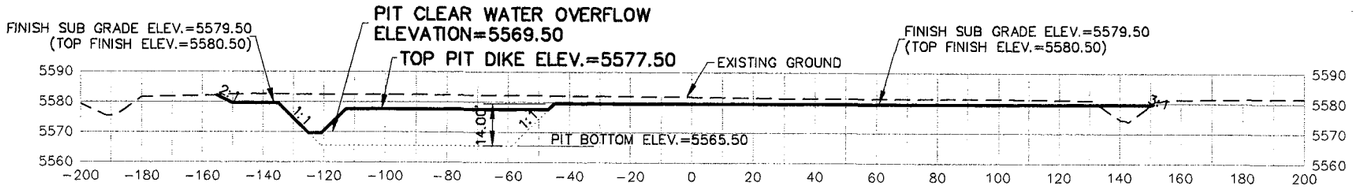


SECTION 12+30

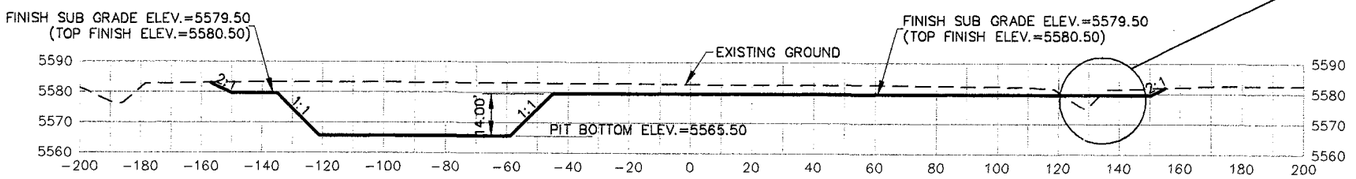




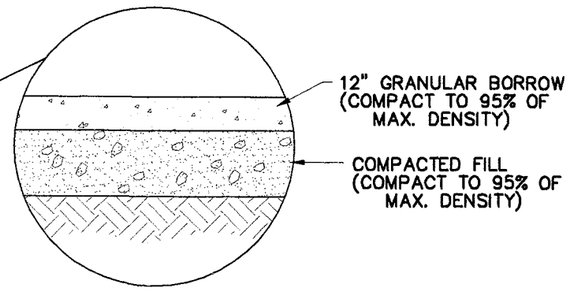
SECTION 11+80



SECTION 11+13



SECTION 10+80



NO	DATE	DESIGN REV. BY	MAPS CORR. BY	PARCELS AFFECTED	REQUEST BY	REMARKS
		ORIGINAL SUBMISSION FOR AUTHORIZATION				

REVISIONS

SCALE: 1"=50'
DWG NAME:
SHT SET:
DWG CREATED: 07/17/2006
PEN TBL:
LAST UPDATE: 9/8/2006

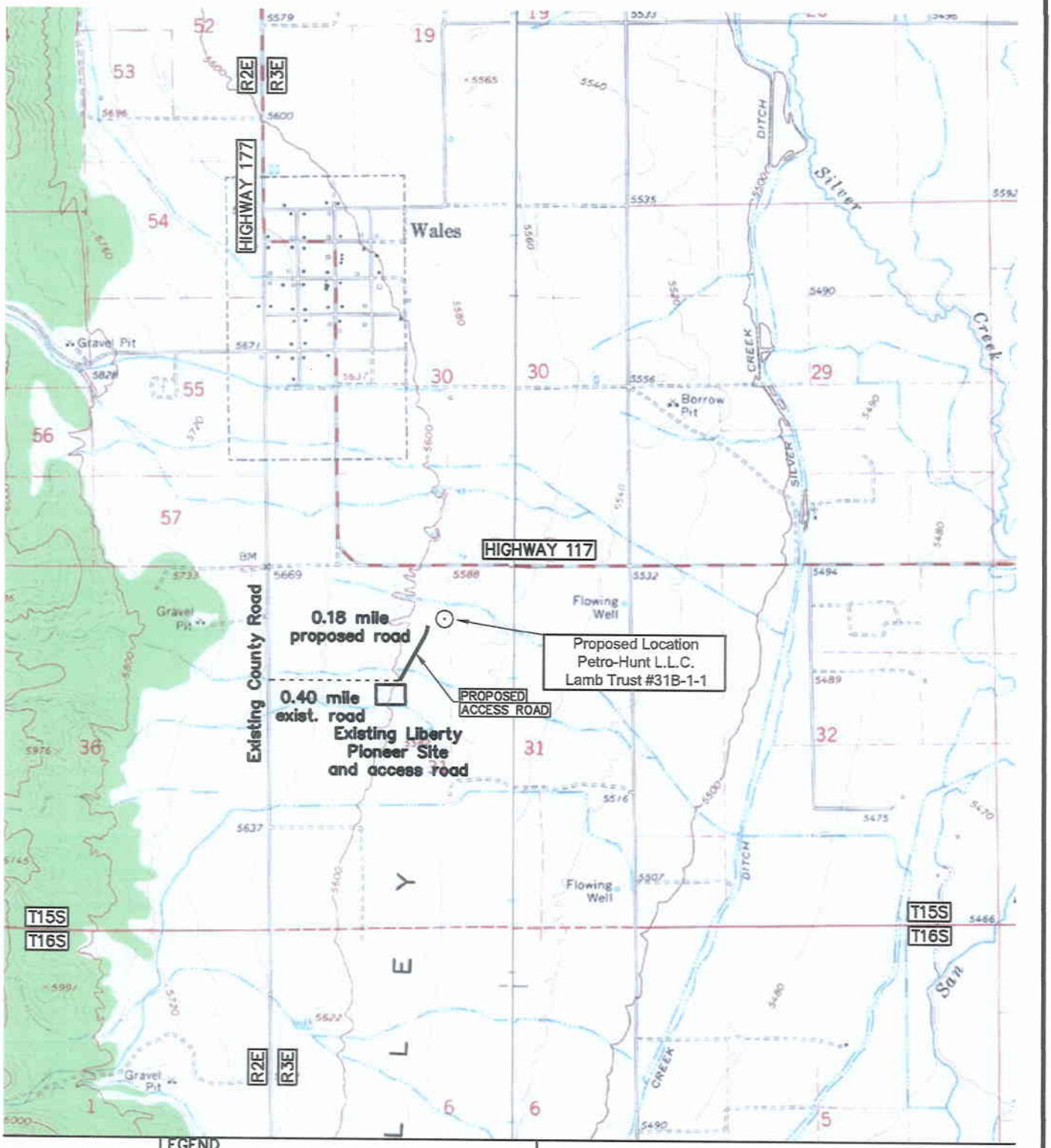
		REVIEW	DATE	BY
DESIGN	T.R.G. 09-06	CHECK: D.R. 09-06		
DRAWN	T.R.G. 09-06	CHECK: D.R. 09-06		
QUANT.	T.R.G. 09-06	CHECK: D.R. 09-06		

APPROVAL RECOMM. DATE PROJECT DESIGN ENGINEER
APPROVED: DATE

PETRO HUNT
LAMB TRUST 31B-1-1
CROSS SECTIONS
PROJECT NUMBER: 0606-130

SANPETE
COUNTY

SHEET NO. SP-02



LEGEND

- PROPOSED LOCATION
- PROPOSED ROAD
- EXISTING ROAD

Petro-Hunt, L.L.C. Lamb Trust #31B-1-1
Section 31, T.15 S., R.3 E., S.L.B. & M.
712' FNL 2584' FWL

Jones & DeMille Engineering
1535 South 100 West - Richfield, Utah 84701
Phone (435) 896-8266 Fax (435) 896-8268
www.jonesanddemille.com

SCALE: 1" = 2000'

Petro-Hunt, L.L.C.			FIGURE: 1
Lamb Trust #31B-1-1			
Vicinity Map			
DRAWN: T.R.G. 09-06	PEN TBL: _1stndrd-hp2600.ctb	PROJECT: 0606-130	SHEET: 1
CHECK: T.R.G. 09-06	FILE: VICINITY_SOUTH	LAST UPDATE: 9/8/2006	

PETRO-HUNT, L.L.C.
45 West 700 South
Ephraim, UT 84627
Phone: (435) 283-2122

Scott Lamb
4309 Boton De Oro NW
Albuquerque, New Mexico 87114

Dear Scott:

It has come to our attention that we made a clerical error in the Surface Damage Agreement between The Ben Glade Lamb Family Living Trust, and Petro-Hunt L.L.C., dated July 12th, 2006. The error lies in paragraph (1) where it states that the Lessor herby gives its consent to the approximate location of the access road for parcels S-25831 and S-25849, also known as the Lamb Trust 31B as depicted on the plat attached to Exhibit "B". In paragraph (1) it should say that the Lessor herby gives us consent to the approximate location of the access roads for parcels S-25828x, S-25830, S-25832, S-25849, S-25851, the rest of the paragraph will remain the same as previously stated. There is a signature block at the bottom of the page, which we ask you to sign if you approve of the changes being made. I am sorry for the inconvenience, and appreciate your cooperation in resolving this issue. A revised page 1 to the agreement is attached for your records.

Thanks,

John Robert Wunderlick
Landman

Agreed and excepted this 8 day of September, 2006

THE BEN GLADE LAMB FAMILY LIVING TRUST

Scott Lamb, Trustee

SURFACE DAMAGE AGREEMENT

This Agreement is between, Scott Lamb, Trustee of THE BEN GLADE LAMB FAMILY LIVING TRUST, hereinafter referred to a "Lessor", whose address is 4309 Boton De Oro NW, Albuquerque, New Mexico 87114 and Petro-Hunt, L.L.C., hereinafter referred to as "Operator", whose address is Suite 3400; 1601 Elm Street; Dallas, Texas 75201

The above parties agree to the basic understanding as follows:

Prior to the commencement of any drilling operation by Operator on any land in Sanpete County, Utah on which Lessor owns surface rights ("Subject Lands"), Operator shall make the following payments as full and complete compensation for damage to the surface:

- $500 per acre for each drill-site location and its associated access road

Operator's use of, and access to, the Subject Lands is at its own cost and risk. Operator agrees to bear all liabilities caused by its operations. A copy of Operator's State of Utah Blanket Bond in the amount of up to $120,000 is attached hereto as Exhibit 'A'. Operator's proof of liability insurance will be furnished to Lessor.

(1) Operator shall obtain Lessor's consent to the location of all access roads, which consent shall not be unreasonably withheld. Access roads shall not exceed 30 feet in width. All pipelines, power lines, and telephone lines that will be permanent will be buried below plow depth and mapped unless otherwise agreed. In the event of a dry hole, the drill site and roadways will be restored as required by law to as near as original condition as possible, or to Lessor's specifications. Lessor herby gives its consent to the approximate location of the access road for parcels S-25828x, S-25830, S-25832, S-25849 and S-25851, also known as the Lamb Trust 31B as depicted on the plat attached hereto as Exhibit "B".

(2) Unauthorized personnel, contractors, etc. will not have access to or be allowed on any drilling locations hereunder. Operator will make a reasonable effort to have a company representative on the location at all times during drilling/completion operations. Firearms, liquor, and drugs shall be prohibited from all well locations and access roads covered by this agreement.

(3) Operator will reimburse Lessor for loss, damage, injury or death of Lessor's livestock or Native grass, caused by or directly related to Operator's exploration and production of oil or gas on any lands covered by this agreement. Operator will recompense Lessor at a fair market value plus associated replacement costs, if any relative to any livestock or native grass covered by this paragraph 3.

(4) Operator will not bring permanent electric utilities onto the subject Property without first receiving written approval from the Lessor, which shall not be unreasonably withheld.

(5) Unless otherwise agreed, Operator will at all times keep all fencing and gates within the vicinity of the roads and the drilling site utilized by the Operator under this agreement in a condition suitable to contain livestock.

PROPERTY RECLAMATION AGREEMENT

1. All topsoil will be stripped, stockpiled, and then replaced to support re-vegetation.
2. Ditches, and culverts, gates, cattle guards will be returned as nearly as possible to original condition as required by law.
3. Reclamation work will be accomplished in a timely manner. Natural causes such as unusual weather conditions or ground settling or other force majeure events may delay reclamation.

DRILLING PLAN

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator: **Petro-Hunt, L. L. C.**
Address: **1601 Elm Street, Suite 3400**
Dallas, Tx 75201-7254

Well Location: **Lamb Trust 31B-1-1**
Sanpete County, UT

1 GEOLOGIC SURFACE FORMATION — Tertiary Undivided

2 ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

Formation	Depth MD
Jurassic Twist Gulch	2,120'
Wales Backthrust	2,720'
Jurassic Arapien	7,460'
Jurassic Upper Twin Creek	8,020'
Jurassic Lower Twin Creek	8,640'
Jurassic Navajo	9,140'
Thrust	10,300'
Jurassic Upper Twin Creek	10,300'
Jurassic Lower Twin Creek	10,540'
Jurassic Navajo	11,080'
Thrust	13,600'
Jurassic Lower Twin Creek	13,600'
Jurassic Navajo	13,640'

3 ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

Formation	Depth	Type
Jurassic Lower Twin Creek	8,640'	Oil
Jurassic Navajo	9,140'	Oil
Jurassic Lower Twin Creek	10,540'	Oil
Jurassic Navajo	11,080'	Oil
Jurassic Lower Twin Creek	13,600'	Oil
Jurassic Navajo	13,640'	Oil

4 PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing

Type	Size	Weight	Grade	Conn.	Top	Bottom	Hole
Surface	13-3/8"	54.5 ppf	J-55	STC	0'	2,300'	17-1/2"
Intermediate	9-5/8"	53 5 ppf	P-110	LTC	0'	7,850'	12-1/4"
Drilling Liner	7-5/8"	39 0 ppf	Q-125	HDL	7,350'	11,200'	8-1/2"
Production	5-1/2"	20 0 ppf	L-80	BTC/LTC/HDL	0'	14,700'	6-1/2"

LAMB TRUST 31B-1-1
SANPETE COUNTY, UTAH
DRILLING PLAN

Note: The drilled depth of the surface hole and the setting depth of the surface casing may vary from 2,000' to 2,300'. Should a lost circulation zone be encountered while drilling, casing will be set approximately 300' below the lost circulation zone If no lost circulation zone is encountered, casing to be set at 2,300'±

5 OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized. Air foam mist, rotating head and diverter system may be utilized.
Intermediate & Drilling Liner hole: Prior to drilling out the surface casing shoe, intermediate and drilling liner, 10,000 psi rams and 5,000 psi annular will be installed The pipe rams will be operated at least once per day from surface to total depth if operations permit The blind rams will be functioned once per day from surface to total depth if operations permit

A diagram of the planned BOP equipment for normal drilling operations in this area is attached There will be two valves and one check valve on the kill line, two valves on the choke line, and an adjustable choke on the manifold system The BOP "stack" will consist of three BOP rams (2 pipe, 1 blind), rated to 10,000 psi working pressure and one annular type preventer, rated to a minimum of 5,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling out surface casing shoe and anytime a new casing string is set All test pressures will be maintained for five (5) minutes without any significant pressure decrease Clear water will be circulated into the BOP stack and lines prior to pressure testing The following test pressures will be used as a minimum for various equipment items

1	Annular BOP	3,500 psi
2	Ram type BOP	5,000 psi
3	Kill line valves	5,000 psi
4	Choke line valves and choke manifold valves	5,000 psi
5	Chokes	5,000 psi
6	Casing, casinghead & weld	1,500 psi
7	Upper kelly cock and safety valve	5,000 psi
8	Dart valve	5,000 psi

6 MUD SYSTEMS

- A freshwater / gel system will be used to drill the surface hole
- A salt saturated mud system will be used to drill well thru the anticipated salt section
- A lignosulfonate system will be used to drill the well below the salt section to total depth
- The mud system will be monitored manually/visually

Depths	Mud Weight (ppg)	Mud System
0' – 2,300'	8 4 – 9 0	Freshwater / gel system.
2,300' – 7,850'	9 0 – 10 8	Saturated salt mud system
7,850 – 11,200'	9 0 – 10 0	Lignosulfonate mud system
11,200' – 14,700'	10 0	Lignosulfonate mud system

7 AUXILIARY EQUIPMENT TO BE USED

a Kelly cock.
b Full opening valve with drill pipe connection will be kept on floor Valve will be used when the kelly is not in string.

8 TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Navajo is possible
- Four electric wireline logs will be runs from total depth to surface are anticipated for this well
- The gamma ray will be left on to record from total depth to surface
- Other log curves (resistivity, porosity, and caliper) will record from total depth to surface
- A dipmeter and rotary sidewall cores may be run over selected intervals

9 ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 5,000 – 5,400 psi (approximately equal to normal pressure gradient)
- No abnormal temperature or pressures are anticipated
- The formations to be penetrated do not contain known H2S gas

LAMB TRUST 31B-1-1
SANPETE COUNTY, UTAH
DRILLING PLAN

10 WATER SUPPLY

- A water pipeline may be laid for this well Local water wells will be used. Water well permit numbers will be provided as necessary.
- A water well may be drilled for this well and will be permitted in accordance with regulatory requirements

11 CEMENT SYSTEMS*

a. Surface Cement:

- Drill 17-1/2" hole to 2,300'±, run and cement 13-3/8" to surface (depth to vary based on depth of lost circulation zone)
- Pump 20 bbls fresh water spacer. Displace with mud
- Casing to be run with: a) float shoe b) float collar c) twelve (12) centralizers, two on the first joint and one per joint for the next ten joints d) bottom two joints thread locked f) pump job with top and bottom plugs.
- Cement the casing annulus to surface. Top out job to be performed if needed, a 1" tubing string may or may not be utilized

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	950	0'–1,800'	12.5 ppg	1 98 CFS	1250 CF	1881 CF
Tail	485	1,800'–2,300'	15 8 ppg	1 16 CFS	347CF	562 CF
Top Out	100	0'-100'	15 8 ppg	1.17 CFS	69 CF	117 CF

Surface design volumes based on 50% excess of gauge hole. (Typical design, subject to change)

Lead Mix: 50/50 Poz Premium + 8% gel + 10% Cal-Seal + 25#/sx Flocele
Slurry yield: 1.98 cf/sack Slurry weight: 12 5 #/gal
Water requirement: 10.50 gal/sack

Tail Mix: Premium + 1% CaCl + 25 #/sx Flocele
Slurry yield: 1.16 cf/sack Slurry weight: 15 80 #/gal
Water requirement: 4 99 gal/sack

Top Out: Premium + 2% CaCl
Slurry yield: 1 17 cf/sack Slurry weight: 15 80 #/gal.
Water requirement: 5.02 gal/sack

b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 7,850' ±, run and cement 9-5/8"
- Pump 20 bbl 5% KCL water. Displace with salt saturated mud
- Casing to be run with: a) float shoe b) float collar c) twelve (12) centralizers, two on the first joint and one per joint for the next ten joints d) bottom two joints thread locked f) pump job with top and bottom plugs.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	1555	1500'–7,850'	13 0 ppg	1.71 CFS	2017 CF	2659 CF

Intermediate design volumes are estimates based on 35% excess of gauge hole Actual volumes will be calculated from caliper log to bring cement to 800' above 13 3/8" surface casing shoe + 15% excess. (Typical design, subject to change)

Lead Mix: 50/50 Poz + 3% gel + .3% D-Air + 15% salt + .4% Halad R567 + 25 #/sx Flocele + 5 #/sx gilsonite + 2% CFR#

Slurry yield: 1.71 cf/sack Slurry weight: 13 0 #/gal
Water requirement: 7 90 gal/sack

c Drilling Liner Cement:

- Drill 8-1/2" hole to 11,200' ±, run and cement 7-5/8" liner
- Pump 30 bbl 10.0 ppg Tuned spacer.
- Displace with lignosulfonate mud.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	480	7,150'– 11,200'	14.35 ppg	1.24 CFS	281 CF	595 CF

Drilling liner design volumes are estimates based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 700' above 9 5/8" intermediate casing shoe + 15% excess. (Typical design, subject to change)

Lead Mix: 50/50 Poz + 1% HR5 + 3% Halad R344 + 4% Microbond HT
Slurry yield: 1.24 cf/sack Slurry weight: 14.35 #/gal
Water requirement: 5.45 gal/sack

d Production Casing Cement:

- Drill 6-1/2" hole to 14,700' ±, run and cement 5 1/2" production casing.
- Pump 30 bbl 12.0 ppg Tuned spacer.
- Displace with 2% KC completion fluid.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	300	10,000'– 14,700'	14.3 ppg	1.43 CFS	318 CF	429 CF

Production design volumes are estimates based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 1200' above 7 5/8" drilling liner shoe + 15% excess (Typical design, subject to change)

Lead Mix: 50/50 Poz + 3% CFR3 + 2% HR5 + 3% Halad R344 + 20% SSA-1
Slurry yield: 1.43 cf/sack Slurry weight: 14.3 #/gal
Water requirement: 6.18 gal/sack

* Actual cement designs may vary dependent upon selected vendor, casing depths, temperatures and well conditions

12 ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: May 1, 2007
Duration: 90 Days

CASING DESIGN CHART

WELL: LAMB TRUST 31B-1-1 DEEP WELL
FIELD: WILDCAT - SANDPETE COUNTY, UT

06/20/06 cjv

SIZE	WT/FT	GRADE	CONN	LENGTH OF SECTION	SETTING DEPTH TVD	SETTING DEPTH MD	EST. MUD WT.	FRAC GRAD PSI/FT	EST. BHP MW-.7ppg	EST. FRAC. GRAD. PPG	EST. GAS GRAD.	CALC HYDRO PRESS	WT IN AIR: SECTION 1000 LBS	WT IN AIR: CUMM 1000 LBS	COLLAPSE RATING: 100% PSI	COLLAPSE RATING: ADJUSTED TENSILE	TENS. STRENGTH: JOINT 1000 LBS	TENS. STRENGTH: BODY 1000 LBS	BURST RATING
20"	.25" wall	B	P.E.	80	80	80													
13 3/8"	54.50	J55	STC	2300	2300	2300	9	0.468	0.432	12.2	0.10	1076	125	125	1130	1130	514	853	2730
9 5/8"	53.50	P110	LTC	7850	7850	7850	10.8	0.562	0.525	14.9	0.10	4409	420	420	7950	7950	1422	1710	10900
7 5/8" CONT. LNR	39.00	Q125	HDL	3850	11200	11200	10	0.520	0.484	17.5	0.15	5824	150	150	12060	12060	867	1399	14340
5 1/2" TOP SECTION	20.00	L80	BTC	3000	3000	3000	10	0.520	0.484	N/A	0.15	1560	60	294	8830	8830	503	466	9190
5 1/2" MID. SECTION	20.00	L80	LTC	8200	11200	11200	10	0.520	0.484	N/A	0.15	5824	164	234	8830	8830	416	466	9190
5 1/2" BTM SECTION	20.00	L80	HDL	3500	14700	14700	10	0.520	0.484	N/A	0.15	7644	70	70	8830	8830	240	466	9190
2 7/8" Tbg	6.50	L80	EUE	14000	14000	14000	10	0.520	0.484	N/A	0.15	7280	91	91	11170	11170	145	145	11200

	SAFETY FACTORS: DRILLING: COL	TENS	BURST	SAFETY FACTORS: PROD. BURST	ASP	ASP	DRIFT	PIN	CSG	CPLG
SIZE	1.100	1.600	1.200	1.200	DRLG	PROD	BODY	I. D.	I. D.	O. D.
13 3/8"	1.335	4.101	2.22	N/A	1229	N/A	12.459	12.615	12.615	14.375
9 5/8"	2.968	3.386	17.30	1.987	630	5487	Sp Dft 8.500	8.535	8.535	10.625
7 5/8" CONT. LNR	4.435	5.774	5.27	2.613	2720	5487	6.5	6.551	6.625	7.625
5 1/2" TOP SECTION	7.955	1.585	N/A	1.675	N/A	5487	4.653	4.778	4.778	6.050
5 1/2" MID SECTION	2.131	1.778	N/A	1.675	N/A	5487	4.653	4.778	4.778	6.050
5 1/2" BTM SECTION	1.623	3.429	N/A	1.675	N/A	5487	4.653	4.699	4.778	5.500
2 3/8" Tbg	2.156	1.593	N/A	2.041	N/A	5487	2.347	2.441	2.441	3.668
BHP = MUD WT @ TD - 0.7 PPG X .052 X TVD =							7109			

PETRO HUNT L. L. C.
PROPOSED DRILLING PROCEDURE
LAMB TRUST 31B-1-1

WILDCAT
SANPETE COUNTY, UT
7/7/06
Revision #2

SURFACE LOCATION: 712' FNL AND 2584' FWL OF SEC 31, T 15 S, R 3 E

BTM HOLE LOCATION: SAME AS ABOVE

THIS DRILLING PROCEDURE HAS BEEN PROPOSED IN CONSIDERATION OF AND WITH RESPECT GIVEN TO THE MANY VARIABLES AND POTENTIAL PROBLEMS THAT MAY BE ENCOUNTERED IN THE DRILLING OF THIS WELL IN THIS GEOGRAPHICAL AREA. THEREFORE, THIS PROCEDURE IS TO SERVE AS A GENERAL GUIDELINE FOR THE DRILLING OF THIS WELL AND WILL BE REVIEWED AND MODIFIED WHEN REQUIRED AS DETERMINED BY ACTUAL WELLBORE CONDITIONS ENCOUNTERED IN THE DRILLING OPERATIONS. SAFETY AND PRUDENT DRILLING PRACTICES WILL TAKE PRIORITY AT ALL TIMES.

PETRO HUNT L. L. C. WILL ISOLATE ALL FRESH WATER, OIL AND / OR GAS BEARING INTERVALS WITH OIL WELL CEMENT AND / OR CASING.

ON ALL TRIPS, WHEN THE DRILL PIPE IS OUT OF THE HOLE, FUNCTION TEST THE BOP'S AND RECORD SAME ON IADC TOUR REPORTS.

1. MIRU drilling rig. Install location sign in compliance with DOGM regulations on the derrick or in a conspicuous place near the well. We will utilize a lined earthen reserve pit. Insure the rig is completely rigged up prior to accepting the rig on daywork. The 20" x .25" conductor will be set prior to moving the rig on location to a depth of 80'.

2. **Notify DOGM within 24 hours of spudding the well and 24 hr prior to testing BOP's or any casing string.** Install bell nipple and flowline.

   Note: Rig up mudlogging unit prior to spud.

3. PU 17 1/2" BHA, spud well and drill 17 1/2" hole to 2,300 RKB. Take surveys every 250' while drilling. Circulate hole clean and pull out of the hole.

4. Rig up and log.

5. Trip in the hole with 17 1/2" bit. Circulate hole clean and pull out of the hole to run casing.

6. Rig up casing tools. Pick up float shoe, 2 joints 13 3/8" 54.5# J55 STC casing and float collar. Run 13 3/8" 54.5# J55 STC casing to 2,300' RKB.

7. Rig up cementing head and circulate. Cement casing as per attached cementing procedure. Do not overdisplace cement by more than ½ the volume of the shoe track. Bump plug with 500 psi over late pumping pressure. Check to insure floats are holding. Wait on cement 6 hours. **Notify DOGM 24 hr prior to testing BOP's.**

8. Rig down casing tools. Cut window in 20" conductor pipe and make rough cut on 13 3/8" casing. Make final cut on 13 3/8" casing and install 13 3/8" SOW x 13 5/8" 3M starting head. Test head to 50% collapse rating of the 13 3/8" casing.

9. NU DSA and BOP stack. Install pipe rams on top & bottom and blinds in middle ram. Test BOP's - rams with 5,000 psi and annular with 3500 psi.

10. Pick up 12 1/4" BHA and trip in the hole to float collar. Test 13 3/8" casing with 1,250 psi for 30 minutes (MASP = 1229 psi). **Notify DOGM 24 hr prior to testing all casing strings.**

11. Drill float equipment, cement and 5' of new formation. Circulate bottoms up and perform formation integrity test with pump truck to 11.5 ppg EMW. Anticipated fracture gradient at this depth is 12.2 ppg. Convert mud to salt saturated mud system.

12. Drill 12 1/4" hole to intermediate casing point at +/-7,850' RKB, taking MWD surveys every 100'. This casing point is intended to be +/-200' below the base of the salt. Circulate and condition hole to run casing. Pull out of hole (SLMOH).

13. Rig up lubricator and log.

14. Trip in the hole with 12 1/4" bit. Circulate hole clean and pull out of the hole to run casing.

15. Rig up casing tools. Pick up float shoe, 2 joints 9 5/8" 53.5# P110 LTC casing and float collar. Run 9 5/8" 53.5# P110 LTC casing to 7,850' RKB.

16. Rig up cementing head and circulate. Cement casing as per attached cementing procedure. Final cement volume may be determined by hole caliper results. Do not overdisplace cement by more than ½ the volume of the shoe track. Bump plug with 1,000 psi over late pumping pressure. Check to insure floats are holding. **Notify DOGM 24 hr prior to testing BOP's.**

17. Pick up stack with stack-lifter and set full weight of casing on slips. Make a rough cut and final cut on 9 5/8" casing. NU casing spool and test spool to 50% collapse rating of the 9 5/8" casing. NU DSA and BOP's.

18. Test BOP's – rams with 5,000 psi and annular with 3,500 psi. The MASP at this point is 2352 psi. Utilize nipple up and test crew.

19. Trip in the hole with 8 ½" to the float collar and test 9 5/8" casing with 3,550 psi for 30 minutes (the hydrostatic of the 10.0 ppg mud in the casing + 3,550 psi exceeds 70% of the burst rating of the 9 5/8" casing). **Notify DOGM 24 hr prior to testing all casing strings.**

20. Drill float equipment, cement and 5' of new formation. Circulate bottoms up and perform formation integrity test with pump truck to 12.0 ppg EMW. Anticipated fracture gradient at this depth is 14.9 ppg.

21. Drill 8 1/2" hole to +/- 11,200' RKB, taking surveys with MWD every 100'. Circulate and condition hole for logging. Pull out of the hole (SLMOH).

22. Rig up lubricator and log.

23. Trip in the hole with 8 1/2" bit. Circulate hole clean and pull out of the hole to run casing.

24. Rig up casing tools. Pick up float shoe, 1 joint 7 5/8" casing, float collar, 1 joint of 7 5/8" casing and landing collar. Finish making up 7 5/8" 39.0# Q125 HDL liner with 500' lap. Make up liner hanger and run liner to TD on drill pipe.

25. Rig up cementing head and circulate. Hang off liner and cement as per attached cementing procedure. Do not overdisplace cement by more than ½ the volume of the shoe track. Bump plug with 1,000 psi over late pumping pressure. Check to insure floats are holding. Test liner top with 1500 psi, reverse out on top of liner and pull out of hole with setting tool. **Notify DOGM 24 hr prior to testing all casing strings.**

26. Test BOP's – rams with 5,000 psi and annular with 3,500 psi.

27. Trip in the hole with 6 ½" BHA, picking up 3 ½" stinger. Test 7 5/8" liner and 9 5/8" casing with 1,850 psi for 30 minutes (the hydrostatic of the 10.0 ppg fluid in the casing + 1,850 psi, exceeds 70% of the burst rating of the 9 5/8" casing). **Notify DOGM 24 hr prior to testing all casing strings.**

28. Drill float equipment, cement and 5' of new formation. Circulate bottoms up and perform formation integrity test with pump truck to 13.0 ppg EMW. Anticipated fracture gradient at this depth is 17.5 ppg.

29. Drill 6 1/2" hole to +/- 14,700' RKB, taking surveys with MWD every 100'. Circulate and condition hole for logging. Pull out of the hole (SLMOH).

30. Rig up lubricator and log. Evaluate well.

31. Completion procedure or P & A procedure will follow as needed.

EXHIBIT "E"
Multipoint Surface Use Plan

Attached to UDOGM Form 3
Petro-Hunt, L.L.C.
Lamb Trust 31B-1-1
712' FNL & 2,584' FWL,, NE/4 NW/4
Section 31, T15S, R3E, SLB&M, Sanpete County, Utah

The dirt contractor will be provided with an approved copy of this document prior to initiating construction.

A private surface use agreement is necessary prior to initiating construction.

1. **Existing Roads**

   a. Access to the well site will utilize the existing county road under Sanpete County Road Department maintenance (See Exhibit "B") in which approval to encroach is in place at this time.

   b. The existing county road will not be upgraded but the existing Liberty-Pioneer encroachment will be utilized where the proposed access to the well leaves the county surface.

   c. We do not plan to change, alter or improve upon any other existing state or county roads.

   d. All existing roads will be maintained and kept in good repair during all phases of operation.

   e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.

   f. Since no improvements are anticipated to any State or County access roads no topsoil striping will occur.

2. **Planned Access Roads**

   a. From the existing County Road an access is proposed trending 0.4 miles east along the existing Liberty-Pioneer access road on Lamb surface.

b. Approximately 0.18 miles of access across Lamb surface is proposed to the well site. The 0.18 miles of access trends northeast and consists of entirely new disturbance and crosses no significant drainages.

c. A road design plan is not anticipated at this time.

d. The proposed access road will consist of a 24' travel surface within a 30' disturbed area across Lamb Trust surface.

e. DOGM approval to construct and utilize the proposed access road is requested with this application.

f. A maximum grade of 10% will be maintained throughout the project with no major cuts and fills anticipated.

g. No turnouts are proposed since the access road is only 0.58 miles long and adequate sight distance exists in all directions.

h. No low water crossings and one 18" culvert is anticipated where the new road leaves the county surface. Adequate drainage structures will be incorporated into the remainder of the road.

i. No surfacing material will come from federal or State lands.

j. A gate and cattleguard structure is anticipated as the access road crosses the state road right-of-way fence.

k. Surface disturbance and vehicular travel will be limited to the approved location access road.

l. The operator will be responsible for all maintenance of the access road including drainage structures.

3. **Location of Existing Wells**

a. There is one existing production well within a one mile radius of the proposed location.

b. The Lamb Trust #31-6 was drilled previously and is located within the SE/4 NW/4, Section 31, T15S, R3E, SLB&M.

4. **Location of Existing and/or Proposed Facilities**

a. If the well is deemed productive a sundry notice reflecting the production site layout will be submitted for approval.

b. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

5. **Location and Type of Water Supply**

a. The location and type of water supply has been addressed as #11 within Exhibit "D". (Drilling Plan).

6. **Source of Construction Materials**

a. Any necessary construction materials needed will be obtained locally from a private source and hauled to the location on existing roads.

7. **Methods for handling waste disposal**

a. A small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will be lined with a synthetic liner. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operations cease with four strands of barbed wire, or woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.

b. Following drilling, the liquid waste will be evaporated from the pit and the pit backfilled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or location.

c. In the event fluids are produced, any oil will be retained in tanks until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.

d. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

8. **Ancillary Facilities**

a. We anticipate no need for ancillary facilities with the exception of trailers to be located on the drill site.

9. **Well-site Layout**

a. Available topsoil will be removed from the location and stockpiled. The location of the rig, reserve and blooie pits, and drilling support equipment will be located as shown on Exhibit "A", Figure 1 (Location Layout).

b. A blooie pit will be located 100' from the drill hole. A line will be placed on the surface from the center hole to the blooie pit. The blooie pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.

c. Access to the well pad will be as shown on the location layout.

d. Natural runoff will be diverted around the well pad as shown on the location layout.

10. **Plans for Restoration of Surface**

a. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum.

b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.

c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.

d. Any oil accumulation on the pit will be removed or overhead flagged as dictated by then existing conditions.

e. Rehabilitation will commence following completion of the well. Holes will be filled immediately upon release of the drilling rig from the location. If the well-site is to be abandoned, all disturbed areas will be recontoured to the natural contour as is possible.

11. **Surface Ownership**

a. The well-site and access road will be constructed on lands owned by:
   i. The Ben Glade Lamb Family Living Trust
   Contact: Scott D. Lamb, Trustee
   Cell Phone: 505-301-2436
   FAX: 505-428-3530
   Email: wannagogolfing@hotmail.com
   Address: 7521 Sunrose Drive. .NW
   Albuquerque, New Mexico 87120

b. A surface use agreement is presently in-place and has been submitted as Exhibit 'C'.

c. The operator shall contact the landowner and the Division of Oil, Gas and Mining 48 hours prior to beginning construction activities.

12. **Other Information**:

a. The primary surface use is wildlife habitat and grazing. The nearest dwelling is near Wales approximately ½ mile northwest of the proposed location. The nearest live water is in Silver Creek Ditch approximately 1 mile east.

b. If there is snow on the ground when construction begins, it will be removed before the soil is disturbed, and piled downhill from the topsoil stockpile location.

c. The back-slope and fore-slope will be constructed no steeper than 3:1.

d. All equipment and vehicles will be confined to the access road and well pad.

e. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations and the surface use agreement shall be on the well-site during construction and drilling operations.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Division of Oil, Gas & Mining.

13. **Company Representative**

Mick Homiston
Petro-Hunt, L.L.C.
258 – 119th Ave. SW
Killdeer, ND 58640
701-863-6622

Company Agent

Don Hamilton
Buys & Associates, Inc
2580 Creekview Road, Moab, Utah 84532
435-718-2018

14. **Certification**

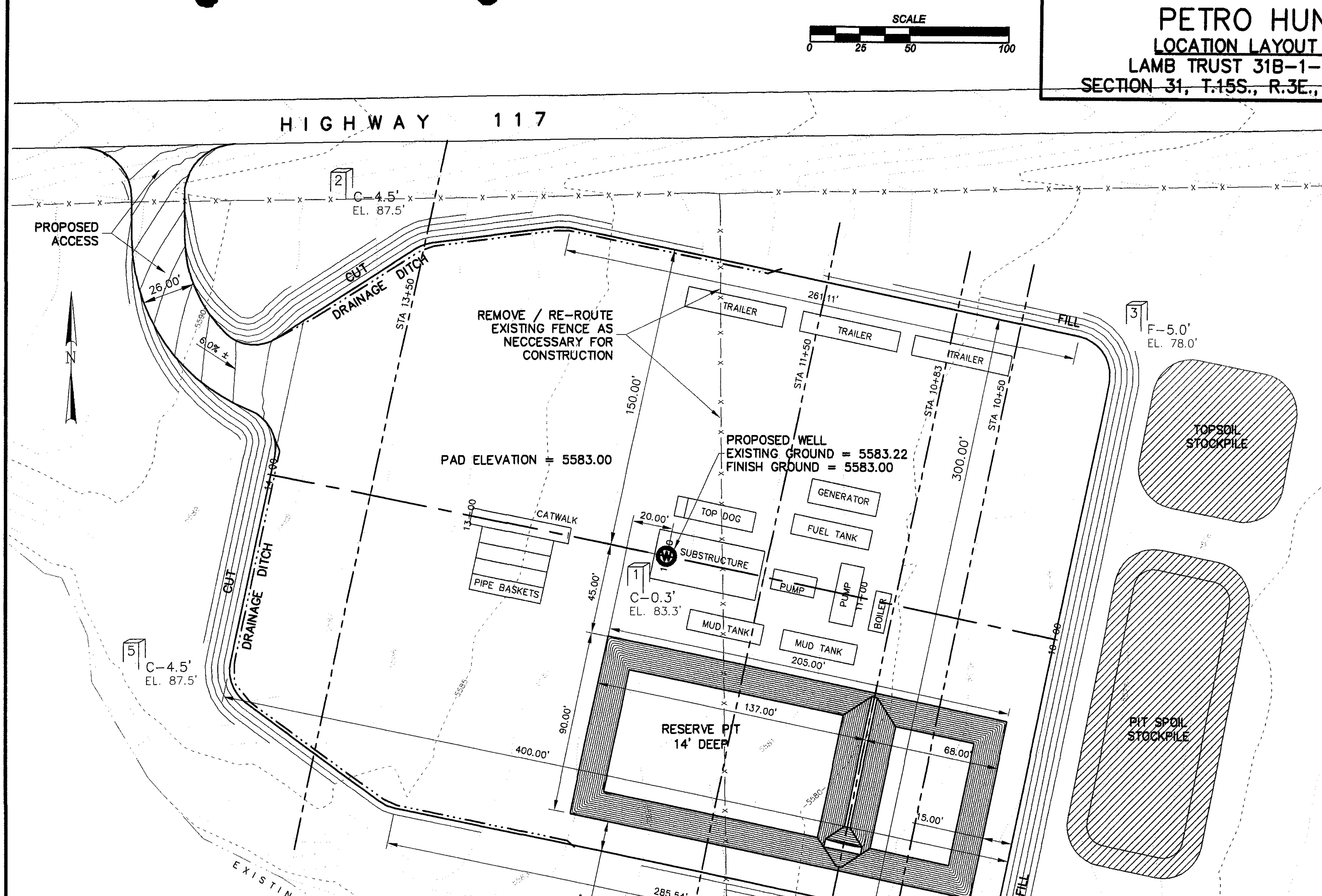
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by Petro-Hunt, L.L.C. and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

9-25-06
Date

Don Hamilton
Don Hamilton
Agent for Petro-Hunt, L.L.C.

PETRO HUNT

LOCATION LAYOUT FOR LAMB TRUST 31B-1-1 WELL
SECTION 31, T.15S., R.3E., S.L.B. & M.



EARTHWORK:
Cut = 10476 c.y. (INCLUDES PIT EXCAVATION)
Fill = 6185 c.y. (30% SHRINK)

PIT CAPACITY: 29,892 bbls
PIT EXCAVATION: 7000 c.y.

ELEV. GRADED GROUND AT LAMB TRUST 31B-1-1 = 5583.00
ELEV. EXIST. GROUND AT LAMB TRUST 31B-1-1 = 5583.22

NO.	DATE	DESIGN REV. BY	MAPS CORR. BY	PARCELS AFFECTED	REQUEST BY	REMARKS
						ORIGINAL SUBMISSION FOR AUTHORIZATION

REVISIONS

SCALE: 1:50 | DWG NAME: LAMB-SITE | SHT SET: #### | DWG CREATED: 07/17/2006 | PEN TBL: _1stndrd-hp2600.ctb | LAST UPDATE: 7/17/2006

Jones & DeMille Engineering
1535 South 100 West · Richfield, Utah 84701
Phone (435) 896-8266 Fax (435) 896-8268
www.jonesanddemille.com

DESIGN:	B.L. 07-06	CHECK:	D.R. 07-06	REVIEW	
DRAWN:	B.L. 07-06	CHECK:	D.R. 07-06	DATE:	.
QUANT:	B.L. 07-06	CHECK:	D.R. 07-06	BY:	.

APPROVAL RECOMM: ______ DATE ______ PROJECT DESIGN ENGINEER

APPROVED: ______ DATE

PETRO HUNT
LAMB TRUST 31B-1-1
WELL LOCATION LAYOUT
PROJECT NUMBER: 0606-130

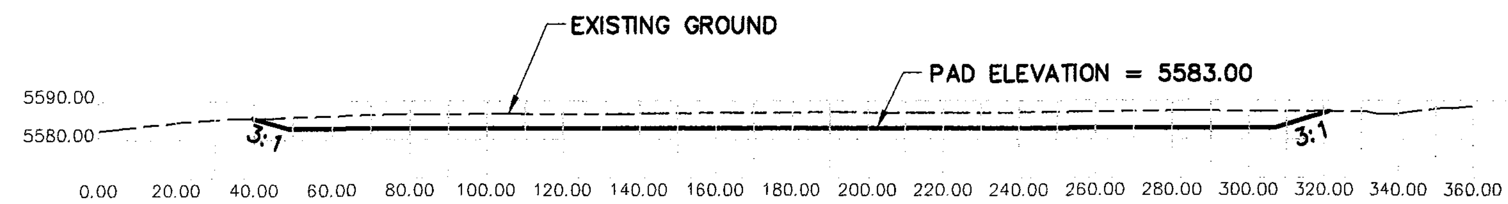
SANPETE
COUNTY

SHEET NO. SP-01

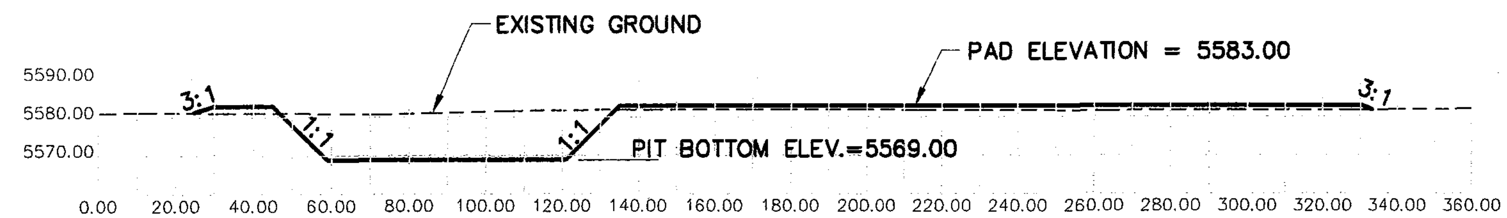
PETRO HUNT

LOCATION CROSS SECTIONS FOR
LAMB TRUST 31B-1-1 WELL
SECTION 31, T.15S., R.3E., S.L.B. & M.

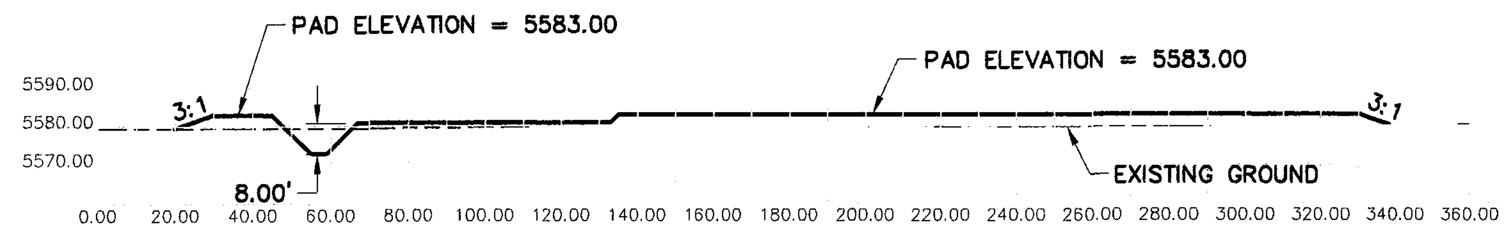
SCALE
0 25 50 100



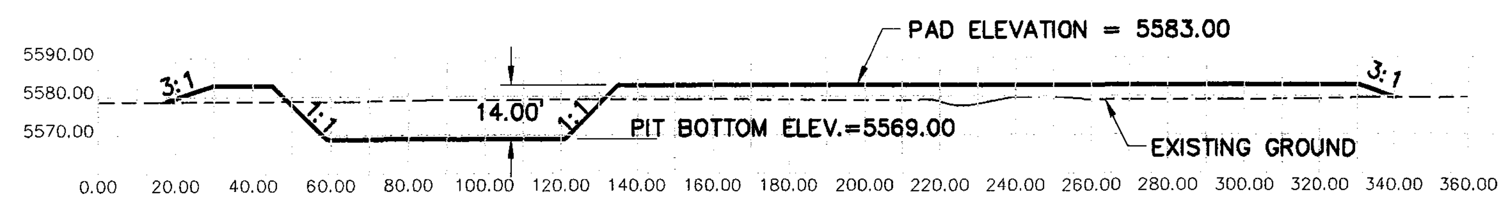
SECTION 13+50



SECTION 11+50



SECTION 10+83



SECTION 10+50

REMARKS
ORIGINAL SUBMISSION FOR AUTHORIZATION
REVISIONS
LAST UPDATE: 7/17/2006
DWG CREATED: 07/17/2006
DWG NAME: LAMB-SITE
SCALE: 1:50

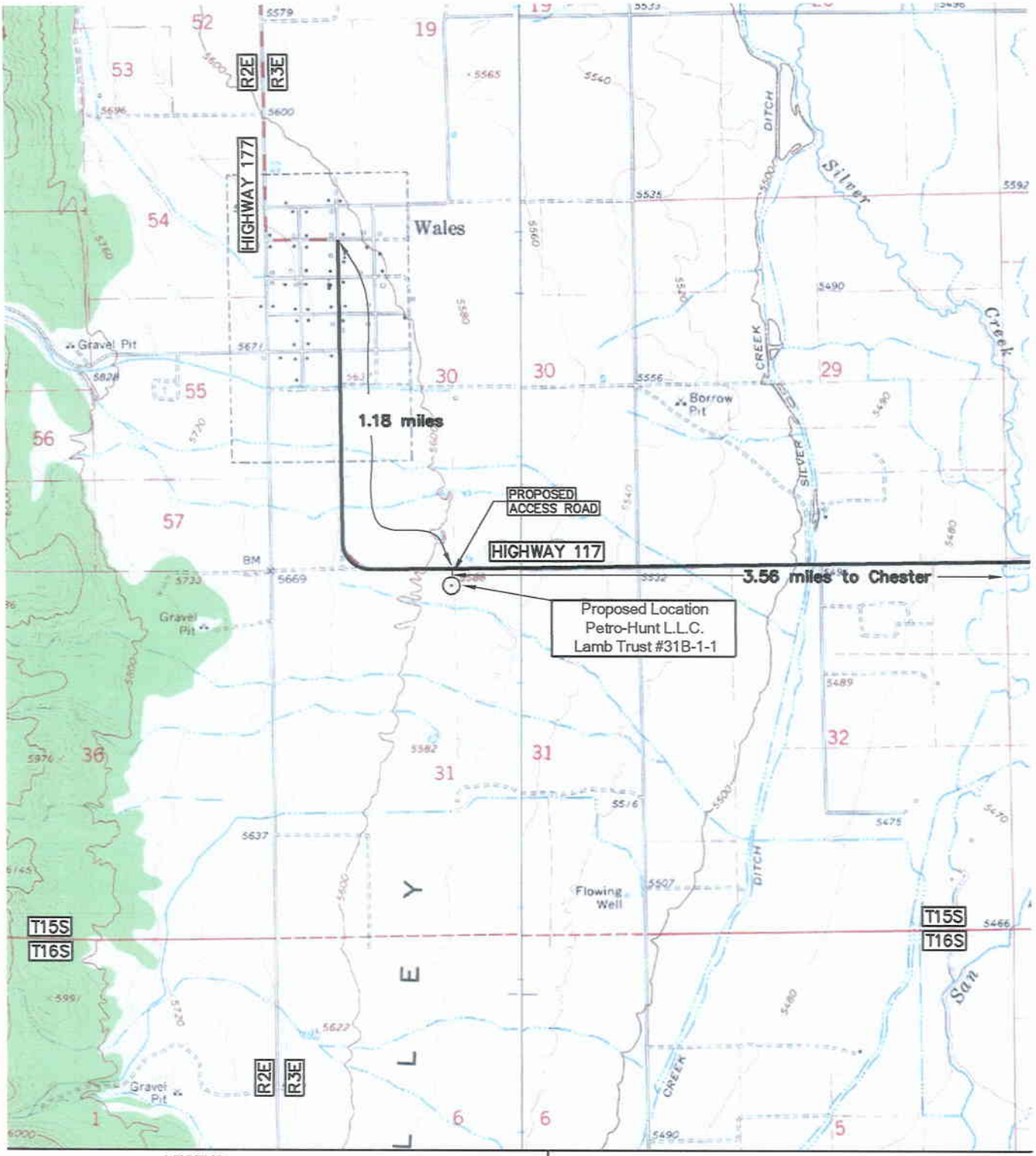
Jones & DeMille Engineering
1535 South 100 West - Richfield, Utah 84701
Phone (435) 896-8266 Fax (435) 896-8268
www.jonesanddemille.com

DESIGN: B.L. 07-06	CHECK: D.R. 07-06	REVIEW	
DRAWN: B.L. 07-06	CHECK: D.R. 07-06	DATE:	
QUANT: B.L. 07-06	CHECK: D.R. 07-06	BY:	

APPROVAL RECOMM.: DATE
PROJECT DESIGN ENGINEER
APPROVED: DATE

PETRO HUNT
LAMB TRUST 31B-1-1
CROSS SECTIONS
PROJECT NUMBER: 0606-130

SANPETE
COUNTY
SHEET NO. SP-01



LEGEND

⊙ PROPOSED LOCATION

Petro-Hunt, L.L.C. Lamb Trust #31B-1-1
Section 31, T.15 S., R.3 E., S.L.B. & M.
178' FNL 2590' FWL

Jones & DeMille Engineering
1535 South 100 West - Richfield, Utah 84701
Phone (435) 896-8266 Fax (435) 896-8268
www.jonesanddemille.com

SCALE: 1" = 2000'

	Petro-Hunt, L.L.C.		FIGURE: 1
	Lamb Trust #31B-1-1		
	Vicinity Map		
DRAWN: T.W.G. 06/22/06	PEN TBL: _1stndrd-hp2600.ctb	PROJECT: 0606-130	SHEET: 1
CHECK: T.R.G. 06/22/06	FILE: VICINITY	LAST UPDATE: 6/22/2006	

BOP STACK AND
CHOKE MANIFOLD
SCHEMATIC

R - ROTATING HEAD-IF NEEDED
A - 11" 3M ANNULAR BOP
D - 11" 3M DOUBLE RAM BOP
S - 11" 3M DRILLING SPOOL
V1 - 2-1/16" 5M CHECK VALVE
V2 - 2-1/16" 5M MANUAL GATE VALVE
V3 - 3-1/16" 5M MANUAL GATE VALVE
V4 - 3-1/16" 5M MANUAL GATE VALVE
V5 - 3-1/16" 5M MANUAL GATE VALVE
V6 - 3-1/16" 5M MANUAL GATE VALVE
V7 - 3-1/16" 5M MANUAL GATE VALVE
V8 - 3-1/16" 5M MANUAL GATE VALVE
V9 - 3-1/16" 5M MANUAL GATE VALVE
V10 - 2-1/16" 5M MANUAL GATE VALVE
C1 - 3-1/16" 5M MANUAL CHOKE
C2 - 3-1/16" 5M MANUAL CHOKE
G1 - GAUGE

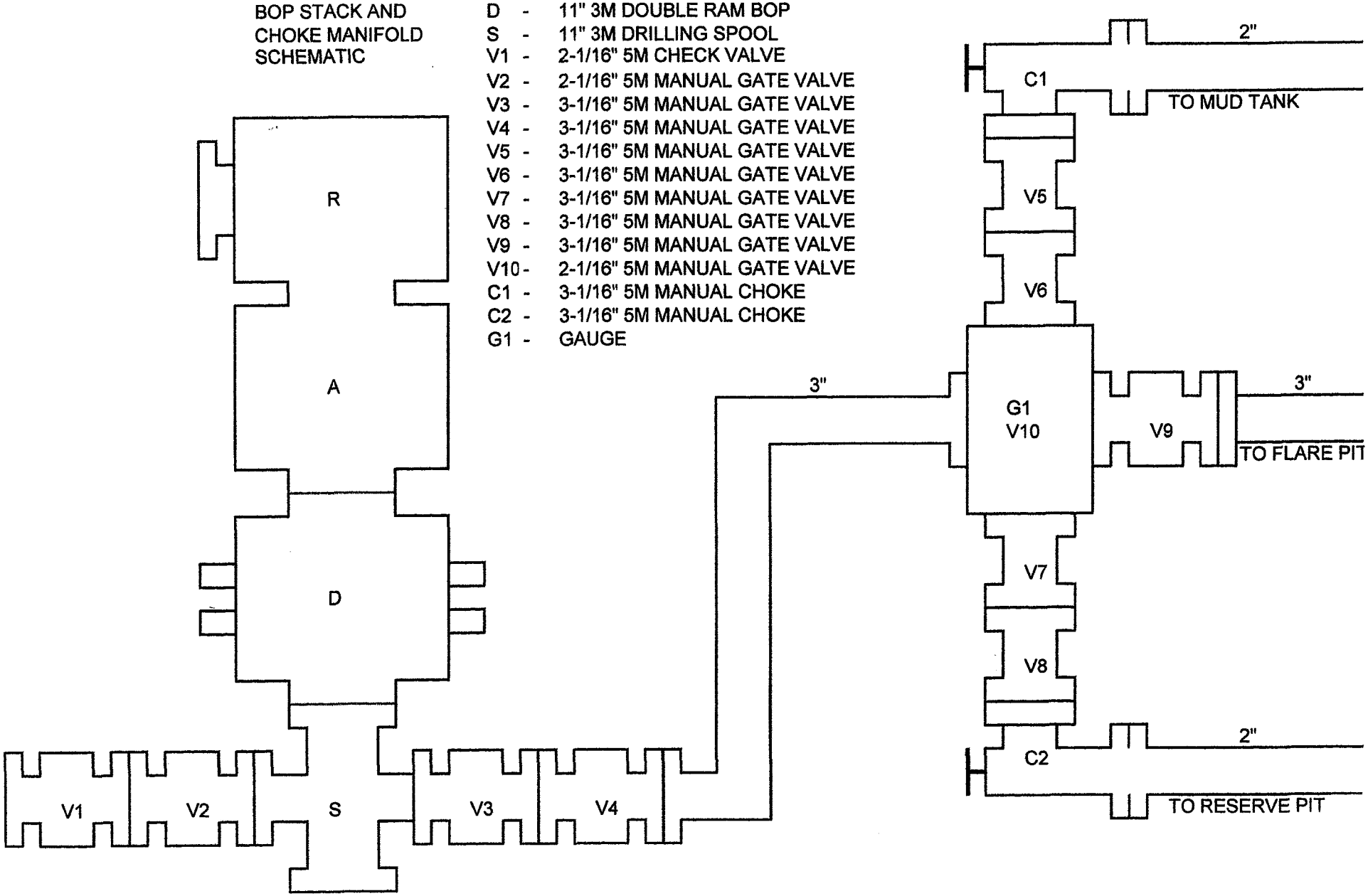


EXHIBIT "F"

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☑
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: Patented	6. SURFACE: Fee
1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐	7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
B. TYPE OF WELL: OIL ☑ GAS ☐ OTHER _____ SINGLE ZONE ☐ MULTIPLE ZONE ☑	8. UNIT or CA AGREEMENT NAME: N/A
2. NAME OF OPERATOR: PETRO-HUNT, L.L.C.	9. WELL NAME and NUMBER: LAMB TRUST 31B-1-1
3. ADDRESS OF OPERATOR: 258 - 119th Ave. SW CITY Killdeer STATE ND ZIP 58640 / PHONE NUMBER: (701) 863-6622	10. FIELD AND POOL, OR WILDCAT: Wildcat
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 712' FNL & 2,584' FWL, 4459277 4369050 39.473287 -111.628654 AT PROPOSED PRODUCING ZONE: 712' FNL & 2,584' FWL,	11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 31 15S 3E S
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 1.02 miles south of Wales, Utah	12. COUNTY: Sanpete / 13. STATE: UTAH

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
69'	21	40
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)	**19. PROPOSED DEPTH:**	**20. BOND DESCRIPTION:**
None	14,700	Statewide Surety RLB0008181
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	**22. APPROXIMATE DATE WORK WILL START:**	**23. ESTIMATED DURATION:**
5,579' GR	10/6/2006	90 days

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
26"	20"	.25" w.t.		80	Ready mix to surface			
17-1/2"	13-3/8"	J55	54.5#	2,300	50/50 Poz & Premium	950/485 sx	1.98/1.16	12.5/15.8
12-1/4"	9-5/8"	P110	53.5#	7,850	50/50 Poz	1555 sx	1.71	13.0
8-1/2"	7-5/8"	Q125	39.0#	11,200	50/50 Poz	480 sx	1.24	14.35
6-1/2"	5-1/2"	L80	20.0#	14,700	50/50 Poz	300 sx	1.43	14.3

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
☐ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
☑ COMPLETE DRILLING PLAN
☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Don Hamilton TITLE Agent for Petro-Hunt, L.L.C

SIGNATURE Don Hamilton DATE 9/12/2006

(This space for State use only)

API NUMBER ASSIGNED: 43-039-30054

APPROVAL:

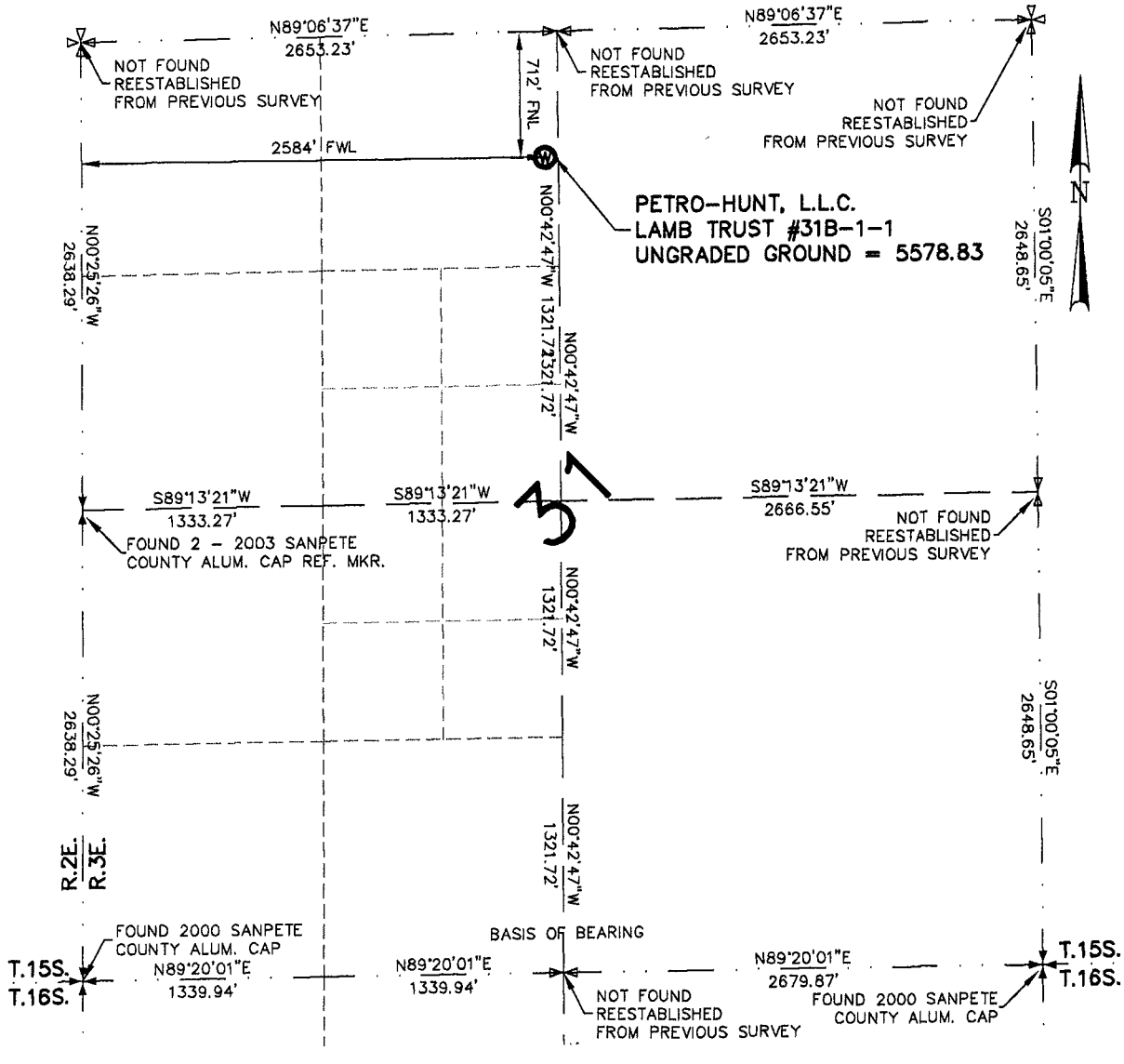
Approved by the Utah Division of Oil, Gas and Mining

Date: 01-18-07

By:

(11/2001) (See Instructions on Reverse Side)

Section 31, T.15 S., R.3 E., S.L.B. & M.



BASIS OF BEARINGS

BASIS OF BEARING USED WAS N89°20'01"E BETWEEN THE SOUTHWEST CORNER AND THE SOUTHEAST CORNER OF SECTION 31, T.15 S., R.3 E., S.L.B. & M.
LATITUDE = 39°28'23.6821" (38.473245028) NAD 83
LONGITUDE = -111°37'45.3008" (-111.629250222) NAD 83

PROJECT

Petro-Hunt, L.L.C.

WELL LOCATION, LOCATED AS SHOWN IN THE N.E. 1/4 OF THE N.W. 1/4 OF SECTION 31, T.15 S., R.3 E., S.L.B. & M. SANPETE COUNTY, UTAH

LEGEND

= SECTION CORNERS (LOCATED)
= QUARTER SECTION CORNERS (LOCATED)
= SECTION CORNERS (NOT LOCATED)
= QUARTER SECTION CORNERS (NOT LOCATED)
= PROPOSED WELL HEAD

NOTE: THE PURPOSE OF THIS SURVEY WAS TO PLAT THE PETRO-HUNT, L.L.C. LAMB TRUST #31B-1-1 LOCATION. LOCATED IN THE N.E. 1/4 OF THE N.W. 1/4 OF SECTION 31, T.15 S., R.3 E., S.L.B. & M., SANPETE COUNTY, UTAH.

BASIS OF ELEVATION

ELEVATION BASED ON THE SOUTHWEST CORNER OF SECTION 6, T.16 S., R.3 E., S.L.B. & M. WHICH IS A SANPETE COUNTY ALUM CAP WITH AN ELEVATION OF 5559.00'.

CERTIFICATE

THIS IS TO CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

PROFESSIONAL LAND SURVEYOR
TREVOR ROY GADD
No. 343639
STATE OF UTAH

TREVOR R. GADD, L.S. #343639 — DATE 09/06/06

Jones & DeMille Engineering
1535 South 100 West - Richfield, Utah 84701
Phone (435) 896-8266
Fax (435) 896-8268
www.jonesanddemille.com

Well Location Plat for

Petro-Hunt, L.L.C. Lamb Trust #31B-1-1

DESIGNED	SURVEYED	CHECKED	DRAWN	PROJECT NO.	SHEET NO.
-	T.W.G.	T.R.G.	T.R.G.	0606-130	1
DATE		DWG.NAME	SCALE		
09/06/06		WELL_LOC..	1"=1000'		

State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

January 18, 2007

Petro-Hunt, LLC
258 - 119th Ave., SW
Killdeer, ND 58640

Re: Lamb Trust 31B-1-1 Well, 712' FNL, 2584' FWL, NE NW, Sec. 31, T. 15 South, R. 3 East, Sanpete County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-039-30034.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Sanpete County Assessor

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

Operator: Petro-Hunt, LLC
Well Name & Number Lamb Trust 31B-1-1
API Number: 43-039-30034
Lease: Fee

Location: NE NW **Sec.** 31 **T.** 15 South **R.** 3 East

Conditions of Approval

1. **General**
   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. **Notification Requirements**
   The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:
   - 24 hours prior to cementing or testing casing
   - 24 hours prior to testing blowout prevention equipment
   - 24 hours prior to spudding the well
   - within 24 hours of any emergency changes made to the approved drilling program
   - prior to commencing operations to plug and abandon the well

   The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):
   - Dan Jarvis at (801) 538-5338
   - Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**
   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

5. Operator shall comply with applicable recommendations resulting from Resource Development Coordinating Committee review. Statements attached.

6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

7. Surface casing shall be cemented to the surface.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
7. UNIT or CA AGREEMENT NAME: N/A
1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER
8. WELL NAME and NUMBER: LANA Trust 31B-1-1
2. NAME OF OPERATOR: Petro Hunt LLC
9. API NUMBER: 43-039-30034
3. ADDRESS OF OPERATOR: 258 11974 AV S CITY Killdeer STATE ND ZIP 58640
PHONE NUMBER: 701-863-6622
10. FIELD AND POOL, OR WILDCAT: Wildcat
4. LOCATION OF WELL
FOOTAGES AT SURFACE: 712' FNL 2584' FWL
COUNTY: Sanpete
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 31 15S 3E S
STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[X] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will start:	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARILY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLARE
[ ] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of work completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/RESUME)	[ ] WATER SHUT-OFF
	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[X] OTHER: Extension
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Sundry for extension of Approved drilling permit.

Approved by the Utah Division of Oil, Gas and Mining

Date: 01-07-08

By:

NAME (PLEASE PRINT) L. Michael Espinoza TITLE Production Manager

SIGNATURE L. Michael Espinoza DATE 1-4-08

(This space for State use only)

RECEIVED
JAN 07 2008
DIV. OF OIL, GAS & MINING

(5/2000)

COPY SENT TO OPERATOR
Date: 1-8-2008
Initials: KS

(See Instructions on Reverse Side)

[redacted]

Application for Permit to Drill
Request for Permit Extension
Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 43 039-30034
Well Name: LAMB TRUST 31B-1-1
Location: 712' FNL 2584 FWL Sec 31, T15S, R3E, Sanpete Co, Utah
Company Permit Issued to: Petro Hunt LLC
Date Original Permit Issued: 1-18-07

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes☐ No☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes☐ No☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes☐ No☑

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes☐ No☑

Has the approved source of water for drilling changed? Yes☐ No☑

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes☐ No☑

Is bonding still in place, which covers this proposed well? Yes☒ No☐

T. Mark Ensel
Signature

1-4-08
Date

Title: Prod. Manager

Representing: Petro Hunt LLC

RECEIVED
JAN 07 2008
DIV. OF OIL, GAS & MINING

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: PATENTED

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME: N/A

1 TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER: RON LAMB 31A-4-1

2 NAME OF OPERATOR: PETRO-HUNT, L. L. C.

9. API NUMBER: 4303930034

3. ADDRESS OF OPERATOR: 258 119TH AVENUE S.W. CITY KILLDEER STATE ND ZIP 58640

PHONE NUMBER: (701) 863-6622

10 FIELD AND POOL, OR WILDCAT: WILDCAT

4 LOCATION OF WELL

FOOTAGES AT SURFACE: 1569' FNL & 1154' FEL 446376X 39.470951 4369017Y -111.623413

COUNTY: SANPETE

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 31 15S 3E S

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit In Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 10/1/2008	☑ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☑ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☑ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS Clearly show all pertinent details including dates, depths, volumes, etc

Petro-Hunt, L. L. C. proposes to move the originally permitted Lamb Trust 31B-1-1 well from 712' FNL & 2584' FWL of Section 31, T15S, R3E, S. L. B. & M., Sanpete County, UT, to a new surface location. The new well will be the Ron Lamb 31A-4-1 well located 1569' FNL & 1154' FEL of Section 31, T15S, R3E, S. L. B. & M., Sanpete County, UT. The landowner will remain the same. A drilling pad was built in preparation to drill the Lamb Trust 31B-1-1 well and a portion of those materials will be utilized on the new location for the Ron Lamb 31A-4-1 well. Please see attached location plat.

Petro-Hunt, L. L. C. also proposes to drill the Ron Lamb 31A-4-1 well to a total permitted depth of 16,000' MD. Please see attached revised drilling plan and BOPE schematic.

Please see attached revised casing design.

COPY SENT TO OPERATOR
Date: 8.14.2008
Initials: KS

CONFIDENTIAL

NAME (PLEASE PRINT) Cary J. Vice TITLE Sr. Drilling Engineer

SIGNATURE Cary J. Vice DATE 6/24/2008

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 08/13/08 (See Instructions on Reverse Side)
BY:

* Surface Casing shall be cemented back to surface
* Production casing shall be cemented back inside intermediate shoe (±8000' MD)

(5/2000)

RECEIVED
JUL 09 2008
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☑
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: Patented	6. SURFACE: Fee
1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐	7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
B. TYPE OF WELL: OIL ☑ GAS ☐ OTHER _____ SINGLE ZONE ☐ MULTIPLE ZONE ☑	8. UNIT or CA AGREEMENT NAME: N/A
2. NAME OF OPERATOR: PETRO-HUNT, L.L.C.	9. WELL NAME and NUMBER: RON LAMB TRUST 31A-4-1
3. ADDRESS OF OPERATOR: 258 - 119th Ave. SW CITY Killdeer STATE ND ZIP 58640 / PHONE NUMBER: (701) 863-6622	10. FIELD AND POOL, OR WILDCAT: Wildcat
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1,569' FNL & 1,154' FEL AT PROPOSED PRODUCING ZONE:	11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 31 15S 3E S
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 1.35 miles south of Wales, Utah	12. COUNTY: Sanpete / 13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): 1,154'	16. NUMBER OF ACRES IN LEASE: 21 / 17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): None	19. PROPOSED DEPTH: 16,000 / 20. BOND DESCRIPTION: Statewide Surety RLB0008181
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5,545' GR	22. APPROXIMATE DATE WORK WILL START: 10/1/2008 / 23. ESTIMATED DURATION: 90 days

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
26"	20"	H-40 BTC	94.0 #	1,000	See attached drill plan
17-1/2"	13-3/8"	K-55 BTC	68.0#	4,500	See attached drill plan
12-1/4"	9-5/8"	L-80 LTC	47.0#	8,300	See attached drill plan
8-1/2"	5-1/2"	L-80 BTC	20.0#	16,000	See attached drill plan
					API = 4303930034

25. ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

CONFIDENTIAL

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☐ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- ☑ COMPLETE DRILLING PLAN
- ☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Don Hamilton TITLE Agent for Petro-Hunt, L.L.C

SIGNATURE Don Hamilton DATE 6/26/2008

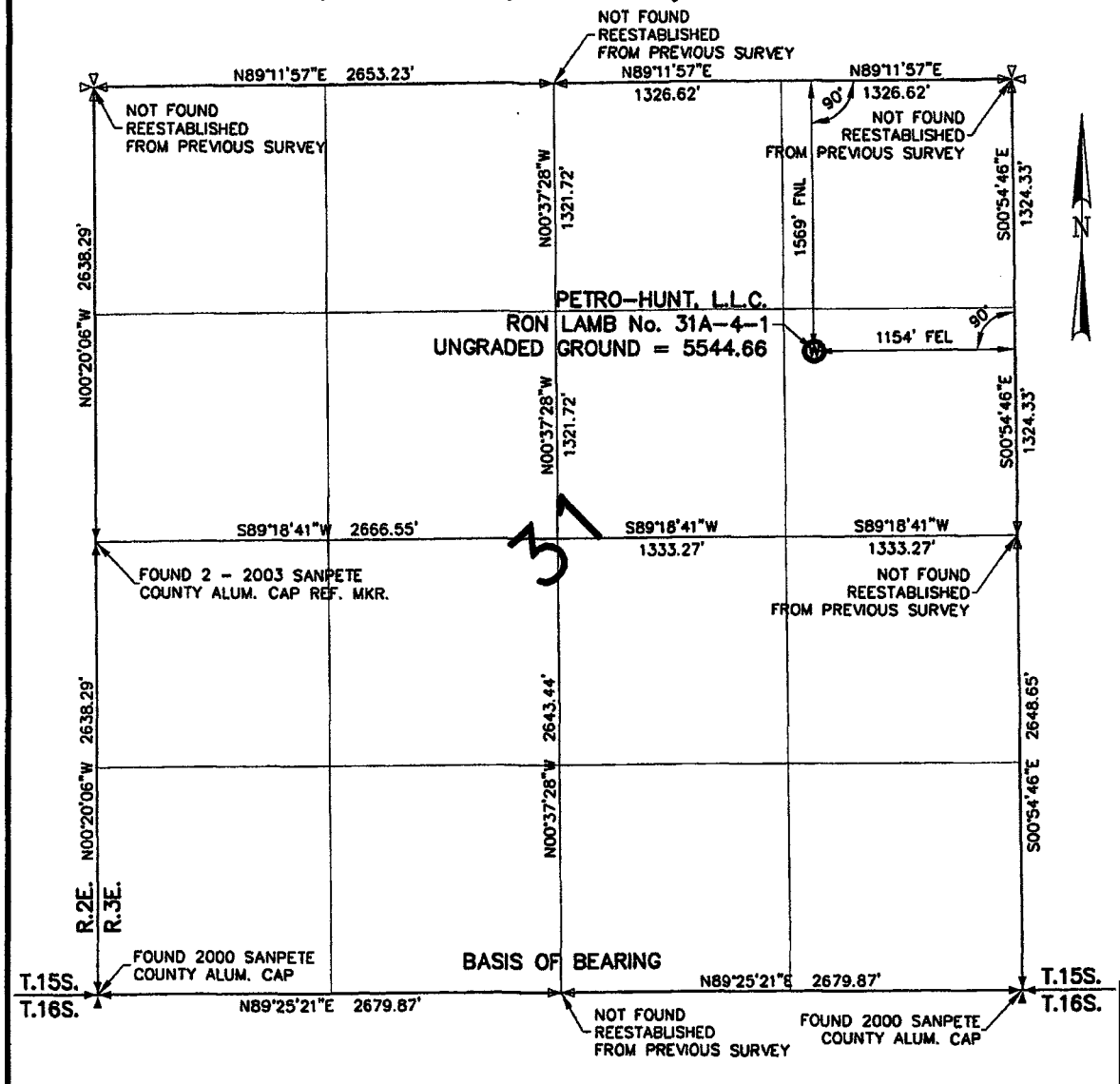
(This space for State use only)

API NUMBER ASSIGNED: _____ APPROVAL:

RECEIVED
JUL 09 2008
DIV. OF OIL, GAS & MINING

(11/2001) (See Instructions on Reverse Side)

Section 31, T.15 S., R.3 E., S.L.B. & M.



BASIS OF BEARINGS

BASIS OF BEARING USED WAS N89°25'21"E BETWEEN THE SOUTHWEST CORNER AND THE SOUTHEAST CORNER OF SECTION 31, T.15 S., R.3 E., S.L.B. & M.
PROPOSED WELL LOCATION:
LATITUDE = 39°28'15.34363" (39.47092879) NAD 83
LONGITUDE = -111°37'25.01298" (-111.62361472) NAD 83

PROJECT

Petro-Hunt, L.L.C.

WELL LOCATION, LOCATED AS SHOWN IN THE S.E. 1/4 OF THE N.E. 1/4 OF SECTION 31, T.15 S., R.3 E., S.L.B. & M. SANPETE COUNTY, UTAH

LEGEND

- = SECTION CORNERS (LOCATED)
- = QUARTER SECTION CORNERS (LOCATED)
- = SECTION CORNERS (NOT LOCATED)
- = QUARTER SECTION CORNERS (NOT LOCATED)
- = PROPOSED WELL HEAD

NOTE: THE PURPOSE OF THIS SURVEY WAS TO PLAT THE PETRO-HUNT, L.L.C. RON LAMB No. 31A-4-1 LOCATION. LOCATED IN THE S.E. 1/4 OF THE N.E. 1/4 OF SECTION 31, T.15 S., R.3 E., S.L.B. & M., SANPETE COUNTY, UTAH.

BASIS OF ELEVATION

ELEVATION BASED ON THE SOUTHWEST CORNER OF SECTION 6, T.16 S., R.3 E., S.L.B. & M. WHICH IS A SANPETE COUNTY ALUM CAP WITH AN ELEVATION OF 5559.00'.

1000' 500' 0' 1000'

SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

PROFESSIONAL LAND SURVEYOR TREVOR ROY GADD STATE OF UTAH

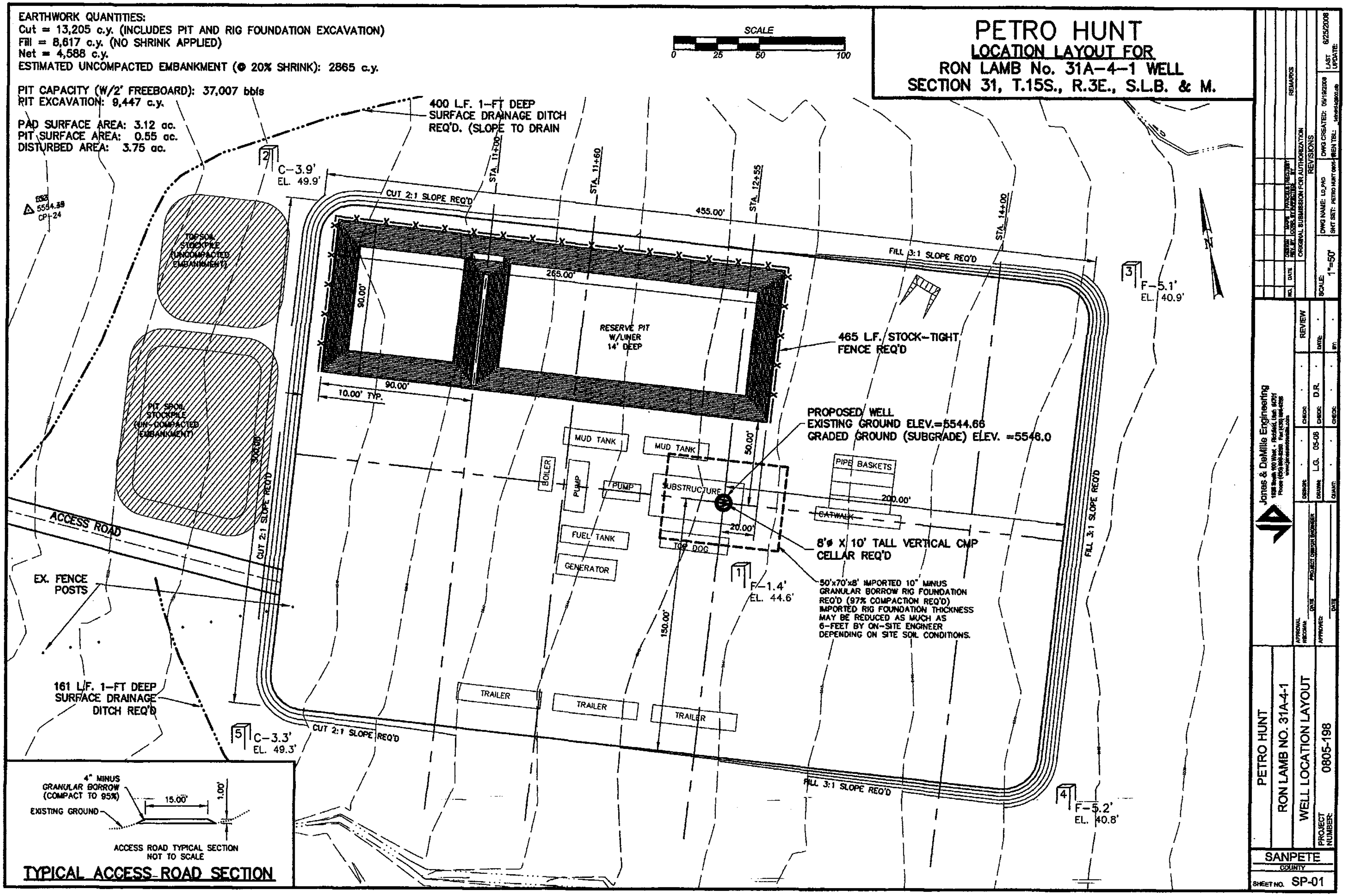
TREVOR R. GADD, L.S. [illegible] 06/26/08
DATE

Jones & DeMille Engineering
1535 South 100 West - Richfield, Utah 84701
Phone (435) 896-8266
Fax (435) 896-8268
www.jonesanddemille.com

Well Location Plat for

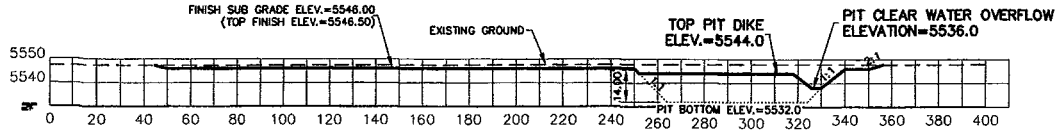
Petro-Hunt, L.L.C. Ron Lamb No. 31A-4-1

DESIGNED	SURVEYED	CHECKED	DRAWN	PROJECT NO.	SHEET NO.
-	K.D.B.	T.R.G.	T.W.G.	0805-198	1
DATE		DWG.NAME	SCALE		
05/27/08		WELL_LOC..	1"=1000'		

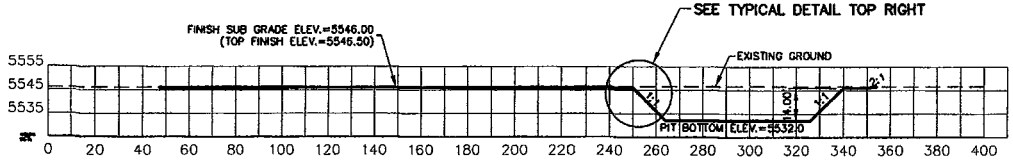

EARTHWORK QUANTITIES:
Cut = 13,205 c.y. (INCLUDES PIT AND RIG FOUNDATION EXCAVATION)
Fill = 8,617 c.y. (NO SHRINK APPLIED)
Net = 4,588 c.y.
ESTIMATED UNCOMPACTED EMBANKMENT (@ 20% SHRINK): 2865 c.y.
PIT CAPACITY (W/2' FREEBOARD): 37,007 bbls
PIT EXCAVATION: 9,447 c.y.
PAD SURFACE AREA: 3.12 ac.
PIT SURFACE AREA: 0.55 ac.
DISTURBED AREA: 3.75 ac.
SCALE
0 25 50 100
PETRO HUNT
LOCATION LAYOUT FOR
RON LAMB No. 31A-4-1 WELL
SECTION 31, T.15S., R.3E., S.L.B. & M.
400 L.F. 1-FT DEEP SURFACE DRAINAGE DITCH REQ'D. (SLOPE TO DRAIN
C-3.9'
EL. 49.9'
CUT 2:1 SLOPE REQ'D
STA. 11+00
STA. 11+60
STA. 12+55
STA. 14+00
455.00'
FILL 3:1 SLOPE REQ'D
F-5.1'
EL. 40.9'
TOPSOIL STOCKPILE (UNCOMPACTED EMBANKMENT)
PIT SPOIL STOCKPILE (UN-COMPACTED EMBANKMENT)
265.00'
90.00'
RESERVE PIT W/LINER 14' DEEP
465 L.F. STOCK-TIGHT FENCE REQ'D
10.00' TYP.
PROPOSED WELL
EXISTING GROUND ELEV.=5544.66
GRADED GROUND (SUBGRADE) ELEV. =5546.0
MUD TANK
MUD TANK
PIPE BASKETS
BOILER
PUMP
PUMP
SUBSTRUCTURE
CATWALK
200.00'
50.00'
20.00'
300.00'
FUEL TANK
TOP DOG
GENERATOR
8'ø X 10' TALL VERTICAL CMP CELLAR REQ'D
ACCESS ROAD
CUT 2:1 SLOPE REQ'D
FILL 3:1 SLOPE REQ'D
EX. FENCE POSTS
F-1.4'
EL. 44.6'
50'x70'x8' IMPORTED 10" MINUS GRANULAR BORROW RIG FOUNDATION REQ'D (97% COMPACTION REQ'D) IMPORTED RIG FOUNDATION THICKNESS MAY BE REDUCED AS MUCH AS 6-FEET BY ON-SITE ENGINEER DEPENDING ON SITE SOIL CONDITIONS.
150.00'
161 L.F. 1-FT DEEP SURFACE DRAINAGE DITCH REQ'D
TRAILER
TRAILER
TRAILER
C-3.3'
EL. 49.3'
CUT 2:1 SLOPE REQ'D
FILL 3:1 SLOPE REQ'D
F-5.2'
EL. 40.8'
4" MINUS GRANULAR BORROW (COMPACT TO 95%)
EXISTING GROUND
15.00'
1.00'
ACCESS ROAD TYPICAL SECTION NOT TO SCALE
TYPICAL ACCESS ROAD SECTION
Jones & DeMille Engineering
PETRO HUNT
RON LAMB NO. 31A-4-1
WELL LOCATION LAYOUT
PROJECT NUMBER: 0805-198
SANPETE COUNTY
SHEET NO. SP-01
SCALE: 1"=50'
REVISIONS
ORIGINAL SUBMISSION FOR AUTHORIZATION
DRAWN: L.G. 05-08
CHECK: D.R.
DWG CREATED: 05/19/2008
LAST UPDATE: 6/25/2008

PETRO HUNT
LOCATION LAYOUT FOR
RON LAMB No. 31A-4-1 WELL
SECTION 31, T.15S., R.3E., S.L.B. & M.

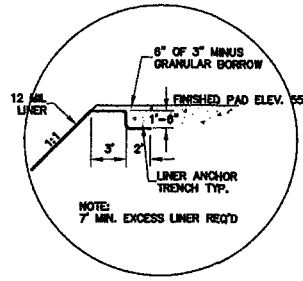
SCALE
0 25 50 100



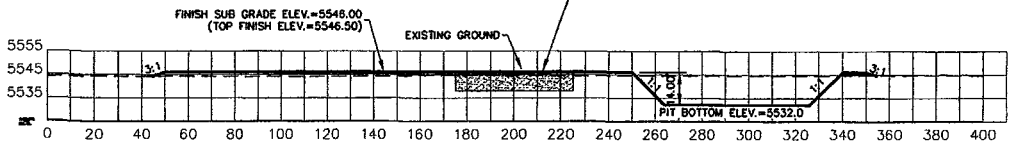
SECTION 11+00



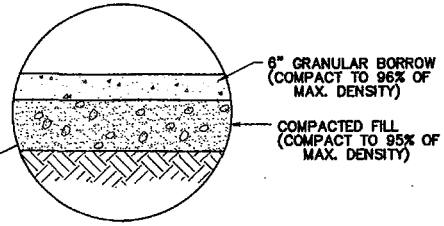
SECTION 11+60

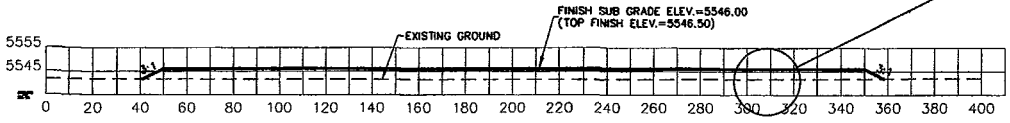


50'x70'x8' THICK (MAX.) 10" MINUS IMPORTED G.B. COMPACTED FILL RIG FOUNDATION REQ'D (COMPACT TO 97% OF MAX. LABORATORY DENSITY. RIG FOUNDATION THICKNESS MAY BE REDUCED BY ENGINEER DEPENDING ON SITE SOIL CONDITIONS)



SECTION 12+60





SECTION 14+00

REVISIONS

NO.	DATE	BY	REMARKS
			ORIGINAL SUBMISSION FOR AUTHORIZATION

SCALE: 1"=50'
DWG NAME: LO_PAD
SHT SET: PETRO HUNT 0805-198 SHEN TBL:
DWG CREATED: 06/21/2006
LAST UPDATE: 6/25/2008

Jones & DeMille Engineering
1535 South 100 West - Richfield, Utah 84701
Phone (435) 896-2296 Fax (435) 896-1385
www.jonesanddemille.com

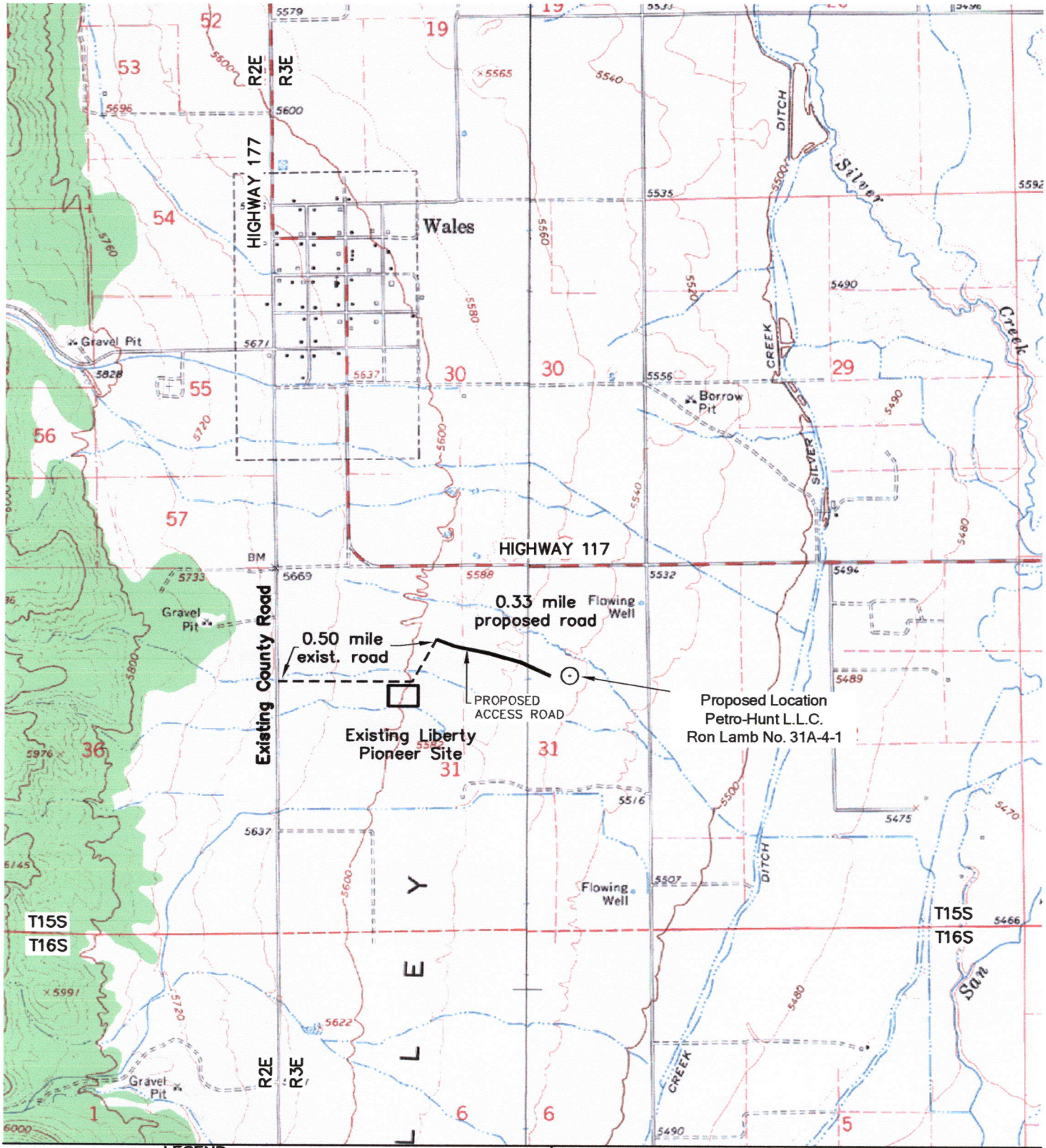
REVIEW

	DESIGN:	CHECK:	DATE:
	DRAWN: L.G. 05-08	CHECK: D.R. 05-08	DATE:
	CHART:	CHECK:	BY:

APPROVAL RECOMMENDED: PROJECT ENGINEER DATE
APPROVED: DATE

PETRO HUNT
RON LAMB NO. 31A-4-1
CROSS SECTIONS
PROJECT NUMBER: 0805-198

SANPETE COUNTY
SHEET NO. CS-01



LEGEND

- ⊙ PROPOSED LOCATION
- PROPOSED ROAD
- EXISTING ROAD

Petro-Hunt, L.L.C. Ron Lamb No. 31A-4-1
Section 31, T.15 S., R.3 E., S.L.B. & M.
1569' FNL 1154' FEL

Jones & DeMille Engineering
1535 South 100 West - Richfield, Utah 84701
Phone (435) 896-8266 Fax (435) 896-8268
www.jonesanddemille.com

SCALE: 1" = 2000'

	Petro-Hunt, L.L.C.	FIGURE: 1
	Ron Lamb No. 31A-4-1	
	Vicinity Map	
DRAWN: L.G. 05-08	PEN TBL: _1stndrd-hp2600.ctb	PROJECT: 0805-198
CHECK: D.R. 05-08	FILE: VICINITY	LAST UPDATE: 6/26/2008

SHEET: 1

DRILLING PLAN

APPROVAL OF OPERATIONS

6-25-08 Revised

Attachment for Form 9 – Sundry Notices and Reports on Wells

Name of Operator: **Petro-Hunt, L. L. C.**
Address: **258 119th Avenue S.W.**
Killdeer, ND 58640

Well Location: **Ron Lamb 31A-4-1**
Sanpete County, UT

1. GEOLOGIC SURFACE FORMATION — Tertiary Undivided

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

Formation	Depth MD
Jurassic Upper Twin Creek	8,550'
Jurassic Lower Twin Creek	9,100'
Jurassic Navajo	9,550'
Jurassic Lower Twin Creek	13,000'
Jurassic Navajo	13,450'
Proposed Total Depth	16,000'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

Formation	Depth	Type
Jurassic Lower Twin Creek	9,100'	Oil
Jurassic Navajo	9,550'	Oil
Jurassic Lower Twin Creek	13,000'	Oil
Jurassic Navajo	13,450'	Oil

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

Type	Size	Weight	Grade	Conn.	Top	Bottom	Hole
Conductor	20"	94.0 ppf	H-40	BTC	0'	1000'	26"
Surface	13-3/8"	68.0 ppg	K-55	BTC	0'	4,500'	17-1/2"
Intermediate	9-5/8"	47.0 ppf	L-80	LTC	0'	8,300'	12-1/4"
Production	5-1/2"	20.0 ppf	L-80	BTC	0'	16,000'	8-1/2"

Note: The drilled depth of the surface hole and the setting depth of the surface casing may vary from 4,000' to 4,500'. Should a lost circulation zone be encountered while drilling, casing will be set approximately 300' below the lost circulation zone. If no lost circulation zone is encountered, casing to be set at 4,500'±.

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Conductor hole: No BOPE will be utilized. Air, foam, mist, rotating head and diverter system may be utilized.
Surface hole: No BOPE will be utilized. Air, foam, mist, rotating head and diverter system may be utilized.
Intermediate hole: Prior to drilling out the surface casing shoe, intermediate and drilling liner, 5,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day below surface casing to total depth if operations permit. The blind rams will be functioned once per day from below surface casing to total depth if operations permit.

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. There will be two valves and one check valve on the kill line, two valves on the choke line, and an adjustable choke on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind), rated to 5,000 psi working pressure and one annular type preventer, rated to a minimum of 5,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling out surface casing shoe and anytime a new casing string is set. All test pressures will be maintained for five (5) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	5,000 psi
3.	Kill line valves	5,000 psi
4.	Choke line valves and choke manifold valves	5,000 psi
5.	Chokes	5,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	5,000 psi
8	Dart valve	5,000 psi

6. MUD SYSTEMS
- A freshwater / gel system will be used to drill the conductor and surface hole.
- A salt saturated mud system will be used to drill well thru the anticipated salt section.
- A lignosulfonate system will be used to drill the well below the salt section to total depth.
- The mud system will be monitored manually/visually.

Depths	Mud Weight (ppg)	Mud System
0' – 1,000'	8.4 – 9.0	Freshwater / gel system
1,000' – 4,500'	8.6 – 9.0	Freshwater / gel system
4,500' – 8,300'	9.0 – 10.5	Saturated salt mud system
8,300 – 16,000'	9.0 – 10.4	Lignosulfonate mud system

7. AUXILIARY EQUIPMENT TO BE USED
a. Kelly cock.
b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

8. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED
- A drillstem test in the Navajo is possible.
- Four electric wireline logs will be runs from total depth to surface are anticipated for this well.
- The gamma ray will be left on to record from total depth to surface.
- Other log curves (resistivity, porosity, and caliper) will record from total depth to surface.
- A dipmeter and rotary sidewall cores may be run over selected intervals.

9. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED
- Expected BHP 8,070 psi (approximately equal to normal 9.7 ppg pressure gradient)
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

10. WATER SUPPLY
- The water supply for construction, drilling and operations will be provided from two existing privately owned water wells in the area.
- No new water well is proposed with this application.
- Should additional water sources be pursued they will be properly permitted through the State of Utah – Division of Water Rights

RON LAMB 31A-4-1
SANPETE COUNTY, UTAH
DRILLING PLAN

11. CEMENT SYSTEMS*

a. Conductor Cement:

- Drill 26" hole to 1,000'±, run and cement 20" to surface (depth to vary based on depth of lost circulation zone).
- Pump 20 bbls fresh water spacer. Displace with mud.
- Casing to be run with: a) double valve float shoe b) twelve (12) centralizers, two on the first joint and one per joint for the next ten joints c) pump job with top plug only.
- Cement the casing annulus to surface. Top out job to be performed if needed, a 1" tubing string may or may not be utilized.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	710	0'–650'	12.7 ppg	1.769 CFS	624 CF	1247 CF
Tail	640	650'–1,000'	15.6 ppg	1.198 CFS	335CF	671 CF
Top Out	200	0'-80'	14.6 ppg	1.552 CFS	180 CF	310 CF

Conductor design volumes based on 100% excess of gauge hole. (Typical design, subject to change).

Lead Mix:	ECONOCEM + 2% Calcium Chloride + .125#/sx Poly-E-Flake			
	Slurry yield:	1.769 cf/sack	Slurry weight:	12.7 #/gal.
	Water requirement:	9.491 gal/sack		
Tail Mix:	Premium + 2% CaCl + .125 #/sx Poly-E-Flake			
	Slurry yield:	1.198 cf/sack	Slurry weight:	15.6 #/gal
	Water requirement:	5.251 gal/sack		
Top Out:	Premium + 12% Cal-Seal 60 + 3% Versaset			
	Slurry yield:	1.552 cf/sack	Slurry weight:	14.60 #/gal.
	Water requirement:	7.374 gal/sack		

b. Surface Cement:

- Drill 17-1/2" hole to 4,500'±, run and cement 13-3/8" to surface (depth to vary based on depth of lost circulation zone).
- Pump 40 bbls Mud Flush III spacer. Displace with mud.
- Casing to be run with: a) float shoe b) float collar c) twelve (12) centralizers, two on the first joint and one per joint for the next ten joints d) bottom two joints thread locked f) pump job with top and bottom plugs.
- Cement the casing annulus to surface. Top out job to be performed if needed, a 1" tubing string may or may not be utilized.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	1330	0'–4,000'	11.6 ppg	3.137 CFS	2083 CF	3125 CF
Tail	470	4,000'–4,500'	15.6 ppg	1.198 CFS	347CF	520 CF
Top Out	100	0'-100'	15.6 ppg	1.198 CFS	101 CF	310 CF

Surface design volumes based on 50% excess of gauge hole. (Typical design, subject to change).

Lead Mix:	ECONOCEM			
	Slurry yield:	3.13798 cf/sack	Slurry weight:	11.6 #/gal.
	Water requirement:	17.903 gal/sack		
Tail Mix:	Premium + 2% CaCl + .125 #/sx Poly-E-Flake			
	Slurry yield:	1.198 cf/sack	Slurry weight:	15.6 #/gal.
	Water requirement:	5.251 gal/sack		
Top Out:	Premium + 12% Cal-Seal +3% Versaset			
	Slurry yield:	1.552 cf/sack	Slurry weight:	14.6 #/gal.
	Water requirement:	7.374 gal/sack		

c. Intermediate Casing Cement:

- Drill 12-1/4" hole to 8,300' ±, run and cement 9-5/8"
- Pump 40 bbl Tuned Spacer III. Displace with 8.4 ppg salt saturated mud.
- Casing to be run with: a) float shoe b) float collar c) twelve (12) centralizers, two on the first joint and one per joint for the next ten joints d) bottom two joints thread locked f) pump job with top and bottom plugs.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	720	3500'–7,300'	11.0 ppg*	1.472 CFS*	1211 CF	1431 CF
Tail	290	7,300' – 8,300'	14.3 ppg	1.472 CFS	313 CF	391 CF

* = density & yield prior to foaming.

Intermediate design volumes are estimates based on 25% excess of gauge hole. Actual volumes will be calculated from caliper log to bring cement to 1,000' above 13 3/8" surface casing shoe + 15% excess. (Typical design, subject to change).

Lead Mix: ELASTISEAL + 20% SSA-1 + 5#/sx Silicalite + .1% Versaset + 1.5% FDP-C760-04 + .5% FDP-C766-05

Slurry yield: 1.472 cf/sack * Slurry weight: 14.3 #/gal*
Water requirement: 6.399 gal/sack Slurry weight: 11.0 #/gal (after foam)
* = density & yield prior to foaming

Tail Mix: ELASTISEAL + 20% SSA-1 + 5#/sx Silicalite + .1% Versaset + .5% FDP-C766-05

Slurry yield: 1.472 cf/sack Slurry weight: 14.3 #/gal.
Water requirement: 6.399 gal/sack

d. Production Casing Cement:

- Drill 8-1/2" hole to 16,000' ±, run and cement 5 1/2" production casing.
- Pump 40 bbl 8.4 ppg Mud Flush III spacer.
- Displace with 2% KCL completion fluid.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	710	10,000'– 14,500'	13.0 ppg	1.826 CFS	1030 CF	1288 CF
Lead	320	14,500'– 16,000'	14.35 ppg	1.419 CFS	343 CF	429 CF

Production design volumes are estimates based on 25% excess of gauge hole. Actual volumes will be calculated from caliper log + 15% excess. (Typical design, subject to change)

Lead Mix: 50/50 Poz + .3% CFR3 + .4% HR5 + .4% Halad R344 + 20% SSA-1
Slurry yield: 1.826 cf/sack Slurry weight: 13.0 #/gal.
Water requirement: 9.161 gal/sack

Tail Mix: 50/50 Poz + .3% CFR3 + .4% HR5 + .4% Halad R344 + 20% SSA-1 + .2% Super CBL.
Slurry yield: 1.419 cf/sack Slurry weight: 14.35 #/gal.
Water requirement: 6.108 gal/sack

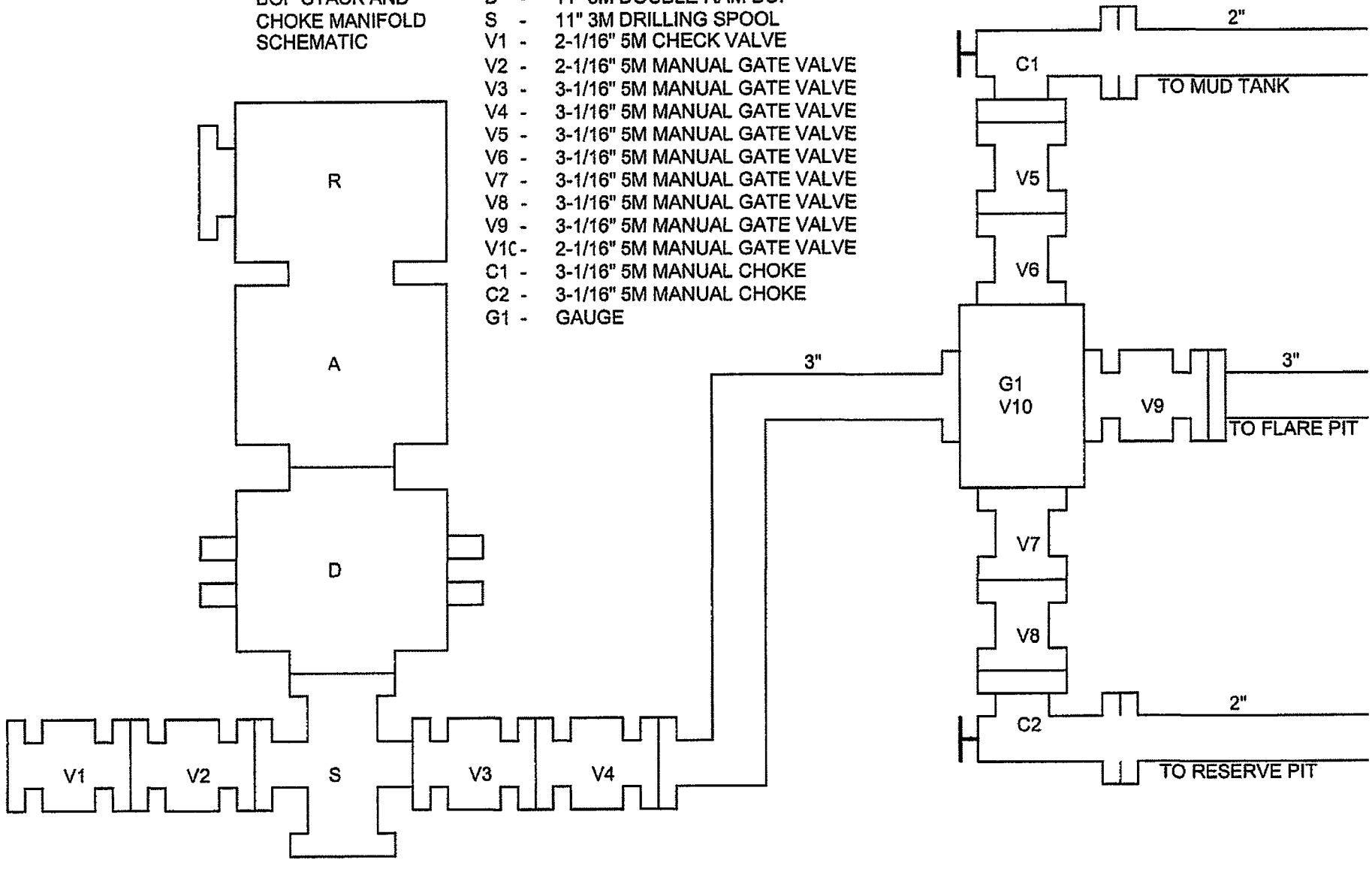
* Actual cement designs may vary dependent upon selected vendor, casing depths, temperatures and well conditions.

12. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: October 1, 2008
Duration: 100 Days

BOP STACK AND
CHOKE MANIFOLD
SCHEMATIC

R - ROTATING HEAD-IF NEEDED
A - 11" 3M ANNULAR BOP
D - 11" 3M DOUBLE RAM BOP
S - 11" 3M DRILLING SPOOL
V1 - 2-1/16" 5M CHECK VALVE
V2 - 2-1/16" 5M MANUAL GATE VALVE
V3 - 3-1/16" 5M MANUAL GATE VALVE
V4 - 3-1/16" 5M MANUAL GATE VALVE
V5 - 3-1/16" 5M MANUAL GATE VALVE
V6 - 3-1/16" 5M MANUAL GATE VALVE
V7 - 3-1/16" 5M MANUAL GATE VALVE
V8 - 3-1/16" 5M MANUAL GATE VALVE
V9 - 3-1/16" 5M MANUAL GATE VALVE
V10 - 2-1/16" 5M MANUAL GATE VALVE
C1 - 3-1/16" 5M MANUAL CHOKE
C2 - 3-1/16" 5M MANUAL CHOKE
G1 - GAUGE



CASING DESIGN CHART

WELL: RON LAMB 31A-4-1
FIELD: WILDCAT - SANPETE COUNTY, UT

06/16/08 cjv

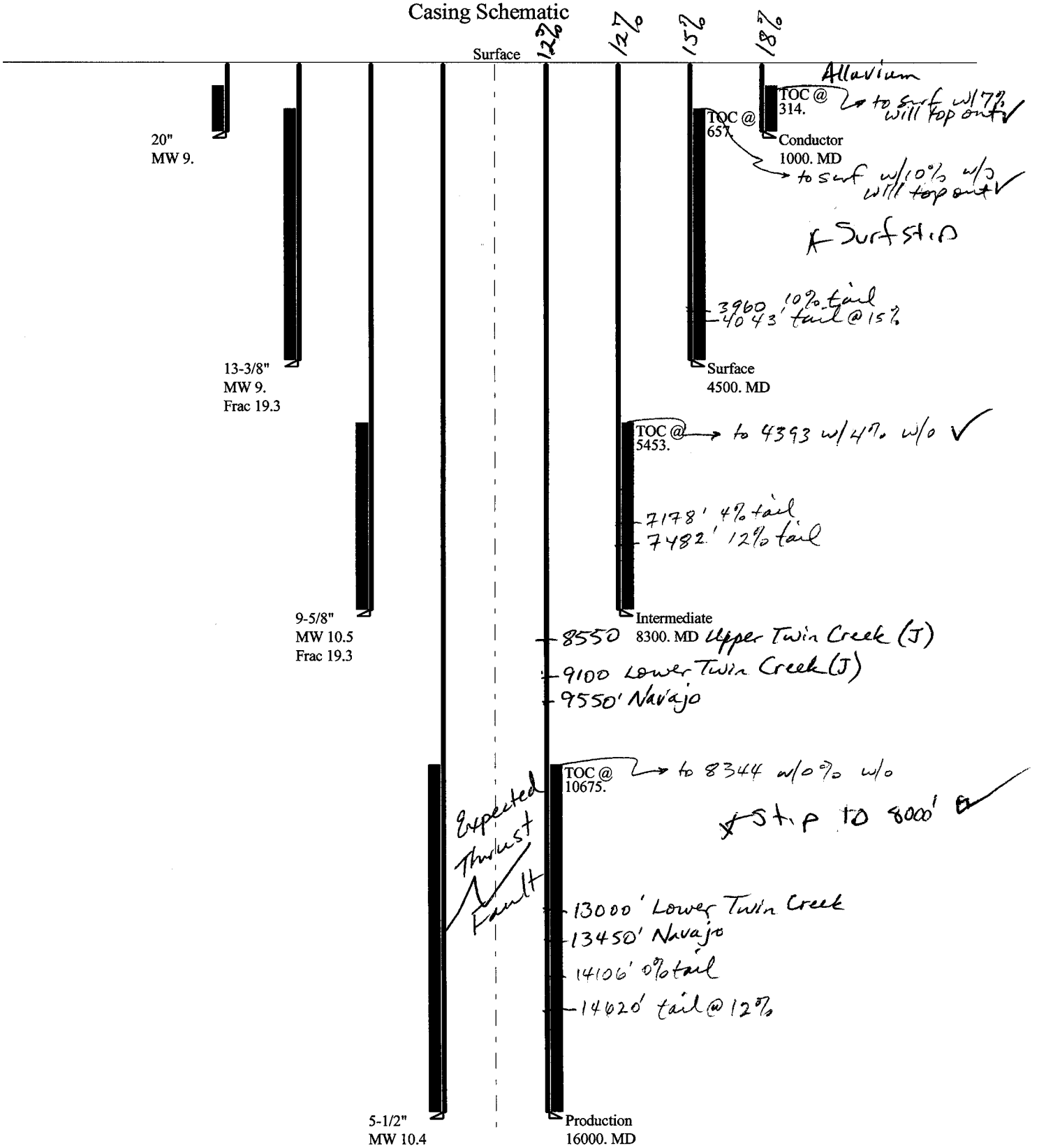
SIZE	WT/FT	GRADE	CONN	LENGTH OF SECTION	SETTING DEPTH TVD	SETTING DEPTH MD	EST. MUD WT.	PRESS GRAD PSI/FT	EST. BHP MW-.7ppg	EST. FRAC. GRAD, PPG	EST. GAS GRAD.	CALC HYDRO PRESS	WT IN AIR		COLLAPSE RATING		TENS. STRENGTH		BURST RATING
													SECTION 1000 LBS	CUMM 1000 LBS	100% PSI	ADJUSTED TENSILE	JOINT 1000 LBS	BODY 1000 LBS	
30	.375" wall	B	P.E.	80	80	80													
20"	94.00	H40	BTC	1000	1000	1000	9	0.468	0.432	12.1	0.10	468	94	94	520	520	1041	1077	1530
13 3/8"	68.00	K55	BTC	4500	4500	4500	9	0.468	0.432	14.4	0.10	2106	306	306	1950	1950	1300	1069	3450
9 5/8"	47.00	L80	LTC	8300	8300	8300	10.5	0.546	0.510	16.0	0.10	4532	390	390	4760	4760	893	1086	6870
5 1/2"	20.00	L80	BTC	14200	14200	14200	10.4	0.541	0.504	N/A	0.15	7679	284	284	8830	8830	503	466	8990
2 7/8" Tbg	6.50	L80	EUE	14000	14000	14000	10.4	0.541	0.504	N/A	0.15	7571	91	91	11170	11170	145	145	10570

	SAFETY FACTORS									
	DRILLING			PROD.						
	COL	TENS	BURST	BURST	ASP	ASP	DRIFT	PIN	CSG	CPLG
SIZE	1.100	1.600	1.200	1.200	DRLG	PROD	BODY	I. D.	I. D.	O. D.
20"	1.413	11.074	2.89	N/A	529	N/A	18.936	19.124	19.124	21
13 3/8"	1.178	3.493	1.2	N/A	2920	N/A	12.259	12.415	12.415	14.375
9 5/8"	1.500	2.289	2.20	N/A	3130	5575	SP DFT 8.625	8.681	8.681	10.625
5 1/2"	1.591	1.641	N/A	1.613	N/A	5575	4.767	4.892	4.892	6.050
2 7/8" Tbg	2.042	1.593	N/A	1.896	N/A	5575	2.347	2.441	2.441	3.668
BHP = MUD WT @ TD - 0.7 PPG X .052 X TVD =							7162			

SENE 31-15S-3E

43039300340000 Ron Lamb Trust 31A-4-1

Casing Schematic



Well name:	**43039300340000 Ron Lamb Trust 31A-4-1**
Operator:	**Petro-Hunt L.L.C.**
String type:	Conductor
Location:	Sanpete County

Project ID:
43-039-30034 (rev 2006-11)

Design parameters:

Collapse

Mud weight:	9.000 ppg
Internal fluid density:	2.330 ppg

Burst

Max anticipated surface pressure:	347 psi
Internal gradient:	0.120 psi/ft
Calculated BHP	467 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor	1.125

Burst:

Design factor	1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on buoyed weight.
Neutral point: 866 ft

Environment:

H2S considered?	No
Surface temperature:	75 °F
Bottom hole temperature:	89 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	250 ft
Cement top:	314 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	1000	20	94.00	H-40	Buttress	1000	1000	18.999	1994.5

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	346	520	1.501	467	1530	3.27	81	1041	12.79 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Minerals
Phone: 801-538-5357
FAX: 801-359-3940
Date: August 6,2008
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 1000 ft, a mud weight of 9 ppg An internal gradient of .121 psi/ft was used for collapse from TD to
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	**43039300340000 Ron Lamb Trust 31A-4-1**
Operator:	**Petro-Hunt L.L.C.**
String type:	Surface
Project ID:	43-039-30034 (rev 2006-11)
Location:	Sanpete County

Design parameters:

Collapse

Mud weight:	9.000 ppg
Internal fluid density:	2.330 ppg

Burst

Max anticipated surface pressure:	3,531 psi
Internal gradient:	0.120 psi/ft
Calculated BHP	4,071 psi
Annular backup:	2.33 ppg

Minimum design factors:

Collapse:

Design factor	1.125

Burst:

Design factor	1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on buoyed weight.
Neutral point: 3,898 ft

Environment:

H2S considered?	No
Surface temperature:	75 °F
Bottom hole temperature:	138 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	250 ft
Cement top:	656 ft

Non-directional string.

Re subsequent strings:

Next setting depth:	8,300 ft
Next mud weight:	10.500 ppg
Next setting BHP:	4,527 psi
Fracture mud wt:	19.250 ppg
Fracture depth:	4,500 ft
Injection pressure:	4,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	4500	13.375	68.00	K-55	Buttress	4500	4500	12.29	3782.8

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1559	1950	1.251	3531	3450	0.98	265	1069	4.03 B

From pressure @ next setting depth
Casing cemented, frac gradient probably
less than 1 psi/ft → O.K. w/Petrohunt
assumptions

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Minerals
Phone: 801-538-5357
FAX: 801-359-3940
Date: August 6,2008
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 4500 ft, a mud weight of 9 ppg An internal gradient of .121 psi/ft was used for collapse from TD to
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**43039300340000 Ron Lamb Trust 31A-4-1**
Operator:	**Petro-Hunt L.L.C.**
String type:	Intermediate
Project ID:	43-039-30034 (rev 2006-11)
Location:	Sanpete County

Design parameters:

Collapse

Mud weight:	10.500 ppg
Internal fluid density:	2.330 ppg

Burst

Max anticipated surface pressure:	5,124 psi
Internal gradient:	0.220 psi/ft
Calculated BHP	6,950 psi
Annular backup:	2.33 ppg

Minimum design factors:

Collapse:

Design factor	1.125

Burst:

Design factor	1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on buoyed weight.
Neutral point: 6,993 ft

Environment:

H2S considered?	No
Surface temperature:	75 °F
Bottom hole temperature:	191 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	1,500 ft
Cement top:	5,453 ft

Non-directional string.

Re subsequent strings:

Next setting depth:	16,000 ft
Next mud weight:	10.400 ppg
Next setting BHP:	8,644 psi
Fracture mud wt:	19.250 ppg
Fracture depth:	8,300 ft
Injection pressure:	8,300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	8300	9.625	47.00	L-80	LT&C	8300	8300	8.625	3411.5

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3523	4760	1.351	5946	6870	1.16	329	893	2.72 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Minerals
Phone: 801-538-5357
FAX: 801-359-3940
Date: August 6,2008
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 8300 ft, a mud weight of 10.5 ppg An internal gradient of .121 psi/ft was used for collapse from TD
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	**43039300340000 Ron Lamb Trust 31A-4-1**
Operator:	**Petro-Hunt L.L.C.**
String type:	Production
Location:	Sanpete County

Project ID:
43-039-30034 (rev 2006-11)

Design parameters:

Collapse
- Mud weight: 10.400 ppg
- Internal fluid density: 2.330 ppg

Burst
- Max anticipated surface pressure: 5,124 psi
- Internal gradient: 0.220 psi/ft
- Calculated BHP 8,644 psi

No backup mud specified.

Minimum design factors:

Collapse:
- Design factor 1.125

Burst:
- Design factor 1.00

Tension:
- 8 Round STC: 1.80 (J)
- 8 Round LTC: 1.80 (J)
- Buttress: 1.60 (J)
- Premium: 1.50 (J)
- Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 13,481 ft

Environment:
- H2S considered? No
- Surface temperature: 75 °F
- Bottom hole temperature: 299 °F
- Temperature gradient: 1.40 °F/100ft
- Minimum section length: 1,500 ft
- Cement top: 10,675 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	16000	5.5	20.00	L-80	Buttress	16000	16000	4.653	1992.2

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	6707	8830	1.316	8644	8990	1.04	270	466	1.73 B

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Minerals
Phone: 801-538-5357
FAX: 801-359-3940
Date: August 6,2008
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 16000 ft, a mud weight of 10.4 ppg An internal gradient of .121 psi/ft was used for collapse from TD
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Helen Sadik-Macdonald - Ron Lamb 31A-4-1 - Casing / BOPE

From: "Cary Vice"
To: "Helen Sadik-Macdonald"
Date: 08/07/2008 10:04 AM
Subject: Ron Lamb 31A-4-1 - Casing / BOPE
CC: "Dustin Doucet"

Helen,
Petro-Hunt, L. L. C. uses the formulas listed below for casing design. I have used them extensively throughout the Gulf coast for land and offshore operations. Petro-Hunt, L. L. C.'s acceptable safety factors are 1.1 for collapse, 1.2 for burst and 1.6 for tension.

For Conductor and Surface casing, we use the following formula which assumes the hole would be voided of mud and filled with gas:

$$\textbf{Collapse} = \frac{\textbf{casing collapse rating}}{\textbf{(MW)(.052)(TVDscp) - (Gg)(TVDscp)}}$$

MW = mud weight; TVDscp = tvd at conductor / surface casing point;
Gg = gas gradient.

For Intermediate and Drilling liners, we use the following formula which assumes a maximum of 50% evacuation of mud in the hole, replaced by a gas gradient:

$$\textbf{Collapse} = \frac{\textbf{casing collapse rating}}{\textbf{(MWicp)(.052)(TVDicp) - (Gg)(LG) - (MMW)(.052)(LM)}}$$

MWicp = mud wt at inter. csg pt; TVDicp = tvd at inter. csg pt; Gg = gas gradient;
LG = length of gas (tvd); LM = length of max. mud (tvd); MMW = maximum mud weight this casing will see.
Length of gas and length of maximum mud is based on hole being 50% voided at next casing point.

For conductor and surface casing, we use the following formula which assumes the weakest point to be the fracture gradient and the shoe:

$$\textbf{Top burst} = \frac{\textbf{casing burst rating}}{\textbf{ASP}}$$

ASP = (FGscp)(.052) - (Ggscp)(TVDscp)

ASP = anticipated surface pressure; FGscp = frac.gradient at surf.csg point;

Ggscp = gas gradient at surf. csg point; TVDscp = tvd at surf. csg pt.

For intermediate casing, we use the following formula which assumes a 50% evacuation of mud in the hole:

Top burst = casing burst rating

ASP Drilling

ASP DRILLING = FP -(MM)(.052)(LM) - (Gg)(LG)

FP = formation pressure at next csg seat;
MM = maximum mud weight at this csg will see;
LM = length of mud based on 50% void;

As far as the BOPE for the surface hole, we plan to use a rotating head and diverter system. This would include a diverter spool and 20" annular preventer installed on top of the 20" conductor casing. I may have mistated this in the sundry drilling plan. I am assuming that with the submission of this data, you will now be able to approve our sundry. If you have any other questions, please do not hesitate to call or email.

Thanks,

Cary J. Vice
Petro-Hunt, L. L. C.
Drilling / Completion Engr.
214 880-7173 office
985 855-2661 cell

per conversation 8/7/08 w/Cary to "weakest point is 1 ft below previous surface csg. shoe (frac. gradient is less than mud wt. from downhole)"

"Look at Ben Eaton Frac gradient chart. Won't get to 12 lbs at 4500 ft." formation will fail first."

Helen Sadik-Macdonald - Ron Lamb 31A-4-1

From: Helen Sadik-Macdonald
To: "Cary Vice"
Date: 08/06/2008 2:52 PM
Subject: Ron Lamb 31A-4-1
CC: Dustin Doucet

Cary,
I perform preliminary engineering evaluation on APDs for the Utah Division of Oil, Gas, & Mining.

For the above-cited well, all four proposed casing strings fail for collapse (SF 1.125).
Surface and intermediate strings fail for burst (SF 1.0)

From past discussions with Dustin, you have been apprised DOGM uses the following safety factors:

burst 1.0
collapse 1.125
tension 1.80 (STC, LTC) 1.60 (BTC)
in evacuated pipe, no annular backup.

Please provide me the assumptions you utilized for the design of the Ron Lamb 31A-4-1. Regardless of correspondence on previous wells, this information is necessary to complete the APD record on any well that does not meet our SFs.

Additionally, BOPE will be required for drilling the surface hole to 4500 feet.

Thank you and I look forward to your response.
Respectfully,

Helen Sadik-Macdonald, CPG, PG
Petroleum Engineering Services
Utah Div. of Oil, Gas & Mining
PO Box 145801
Salt Lake City, UT 84114-5801

801/538-5357 Desk
801/359-3940 Fax

BOPE REVIEW — Petro Hunt Ron Lamb 31A-4-1(rev 2006-11) API 43-039-00

Well Name	Petro Hunt Ron Lamb 31A-4-1(rev 2006-11) API 43-039-0034-0000			
	String 1	String 2	String 3	String 4
Casing Size (")	20	13 3/8	9 5/8	5 1/2
Setting Depth (TVD)	1000	4500	8300	16000
Previous Shoe Setting Depth (TVD)	0	1000	4500	8300
Max Mud Weight (ppg)	9	9	10.5	10.4
BOPE Proposed (psi)	0	500	5000	5000
Casing Internal Yield (psi)	1530	3450	6870	8990
Operators Max Anticipated Pressure (psi)	8070			9.7 ppg

Calculations	String 1	20 "	
Max BHP [psi]	.052*Setting Depth*MW =	468	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	348	NO
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	248	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	248	← NO o.k.
Required Casing/BOPE Test Pressure		500	psi
*Max Pressure Allowed @ Previous Casing Shoe =		0	psi *Assumes 1psi/ft frac gradient

Calculations	String 2	13 3/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	2106	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	1566	NO Rotating head and diverter system will be utilized
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	1116	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	1336	← NO no expected pressures - drilled simultaneously
Required Casing/BOPE Test Pressure		2415	psi
*Max Pressure Allowed @ Previous Casing Shoe =		1000	psi *Assumes 1psi/ft frac gradient

Calculations	String 3	9 5/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	4532	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	3536	YES ✓
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	2706	YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	3696	YES ✓
Required Casing/BOPE Test Pressure		4809	psi
*Max Pressure Allowed @ Previous Casing Shoe =		3450	psi *Assumes 1psi/ft frac gradient

Calculations	String 4	5 1/2 "	
Max BHP [psi]	.052*Setting Depth*MW =	8653	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	6733	NO
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	5133	NO Expected BHP 8070psi → MASP=4550psi OK for this scenario.
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	6959	← YES ✓
Required Casing/BOPE Test Pressure		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe =		6870	psi *Assumes 1psi/ft frac gradient

SURFACE DAMAGE AGREEMENT

This Agreement is between, **Alfred Ron Lamb and Nicole Lamb, as joint tenants**, hereinafter referred to as "Lessor", whose address is **HC13 Box 4205 Wales, Utah 84667** and **Petro-Hunt, L.L.C.**, hereinafter referred to as "Operator", whose address is **Suite 3400; 1601 Elm Street; Dallas, Texan 75201**

The above parties agree to the basic understanding as follows:

Prior to the commencement of any drilling operation by Operator on any land in Sanpete County, Utah on which Lessor own surface rights ("Subject Land"), Operator shall make the following payments as full and complete compensation for damage to the surface:

- $500 per acre for each drill-site location and its associated access road

Operator's use of, and access to, the Subject Lands is at its own cost and risk. Operator agrees to bear all liabilities caused by its operation. A copy of Operator's State of Utah Blanket Bon in the amount of up to $120,000 is attached hereto as Exhibit 'A'. Operator's proof of liability insurance will be furnished to Lessor.

(1) Operator shall obtain Lessor's consent to the location of all access roads, which consent shall not be unreasonably withheld. Access roads shall not exceed 30 feet in width. All pipelines, power lines, and telephone lines that will be permanent will be buried below plow depth and mapped unless otherwise agreed. In the event of a dry hole, the drill site and roadways will be restored as required by law to as near as original condition as possible, or to Lessor's specification. Lessor Hereby gives its consent to the approximate location of the access road for the **Ron Lamb Well** as depicted on the plat attached hereto as Exhibit "B".

(2) Unauthorized personnel, contractors, etc. will not have access to or be allowed on any drilling locations hereunder. Operator will make a reasonable effort to have company representative on the location at all times during drilling/completion operation. Firearms, liquor, and drugs shall be prohibited from all well location and access roads covered by this agreement.

(3) Operator will reimburse Lessor for loss, damage, injury or death of Lessor's livestock caused by or directly related to Operator's exploration and production of oil or gas on any lands covered by this agreement. Operator will recompense Lessor at fir market value plus associated replacement costs, if any, relative to any livestock covered by this paragraph 3.

(4) Operator will not bring permanent electric utilities onto the subject Property without first receiving written approval from Lessor, which shall not be unreasonably withheld.

(5) Unless otherwise agreed, Operator will at all times keep all fencing and gates within the vicinity of the roads and drilling site utilized by the Operator under this agreement in a condition suitable to contain livestock.

PROPERTY RECLAMATION AGREEMENT

1. All topsoil will be stripped, stockpiled, and then replaced to support re-vegetation.

2. Ditches and culverts, gates, cattle guards will be returned as nearly as possible to original condition as required by law.

3. Reclamation work will be accomplished in a timely manner. Natural causes such as unusual weather conditions or ground settling or other force major events may delay reclamation.

4. All construction and maintenance costs relating to roads, drill pads, equipment and facilities hereunder shall be born by Operator.

This agreement shall be binding upon Operator and Lessor, their respective heirs, executors, administrator, successor, and assigns and upon Operator, its executors, administrators, successors, and assigns. This agreement pertains to only to all surface areas owned by Lessor which may be disturbed in exploration and/or development by Operator, its contractors, subcontractors and/or designees.

Dated this 14th day of July, 2008.

Lessor and Surface Owner:
Alfred Ron Lamb and Nicole Lamb, as joint tenants
HC13 Box 4205
Wales, Utah 84667

Alfred Ron Lamb

Nicole Lamb

Operator:
Petro-Hunt, L.L.C.

Dennis Ludington

ACKNOWLEDGMENT

STATE OF Utah)
COUNTY OF Sanpete)

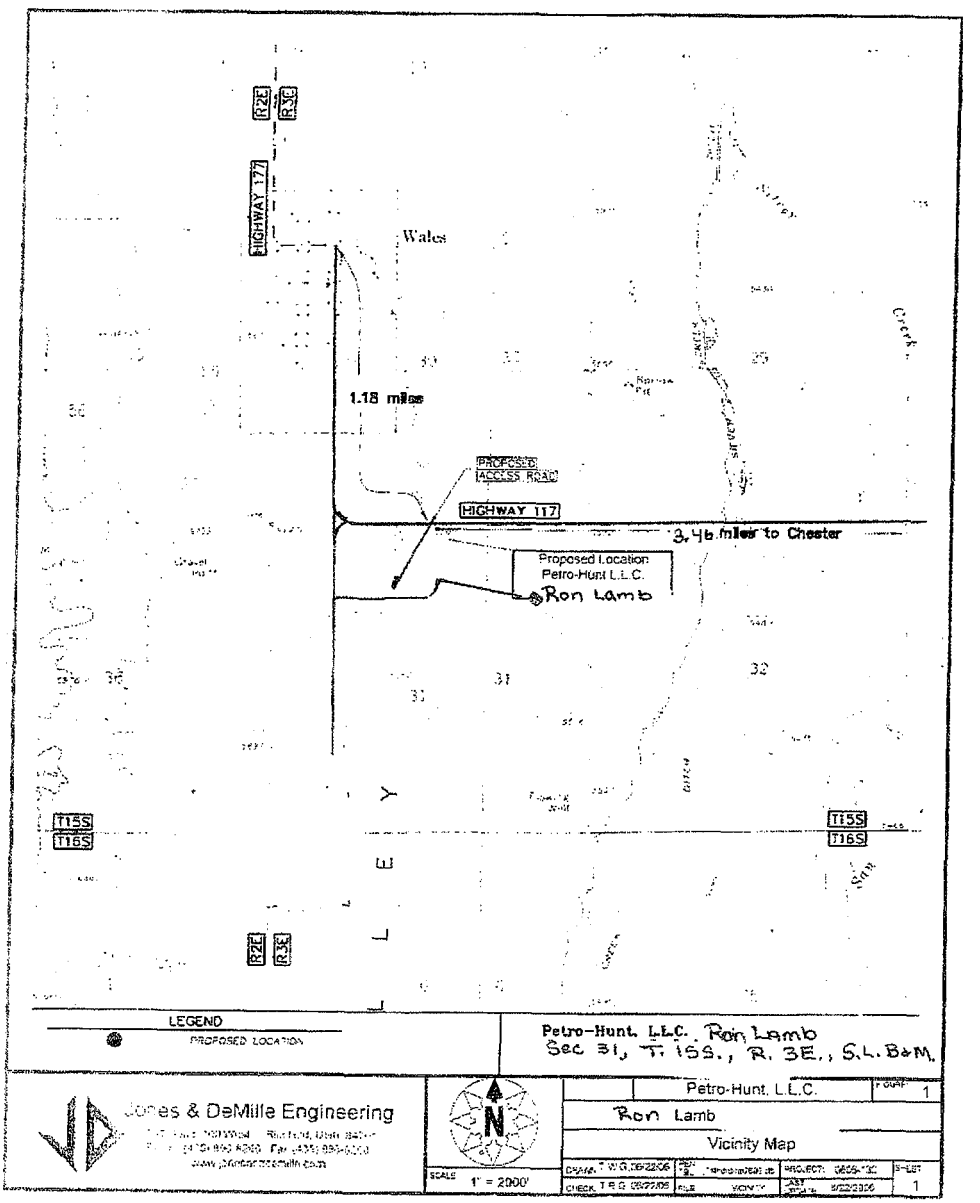
INDIVIDUAL
(For use in all states)

On this 14th day of July, **2008,** before me, the undersigned Notary Public in and for said county and state, personally appeared, **Alfred Ron Lamb and Nicole Lamb,** known to me to be the person(s) whose name(s) **ARE subscribed** to the foregoing instrument, and **THEY** acknowledged that the same was executed and delivered as **THIER** free and voluntary act for the purposes therein set forth. In witness whereof I hereunto set my hand and official seal as of the date hereinabove stated.

SEAL

TAMMIE L. LUDINGTON
Notary Public
State of Utah
My Comm. Expires Mar 22, 2009
69 S. Main Street Manti UT 84642

Notary Public
My Commission Expires: 3-22-09


R2E
R3E
HIGHWAY 177
Wales
1.18 miles
PROPOSED ACCESS ROAD
HIGHWAY 117
3.46 miles to Chester
Proposed Location
Petro-Hunt L.L.C.
Ron Lamb
T15S
T16S
R2E
R3E
LEGEND
PROPOSED LOCATION
Petro-Hunt, L.L.C., Ron Lamb
Sec 31, T. 15S., R. 3E., S.L.B&M.
Jones & DeMille Engineering
N
SCALE 1" = 2000'
Petro-Hunt, L.L.C.
Ron Lamb
Vicinity Map
SHEET 1
1

B&A Buys & Associates, Inc.
Environmental Consultants

300 E. Mineral Ave., Suite 10
Littleton, CO 80122-2631
303/781-8211 303/781-1167 Fax

July 18, 2008

Mrs. Diana Mason
State of Utah
Division of Oil Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Request for Exception to Spacing- Petro-Hunt, L.L.C.
Ron Lamb 31A-4-1 – 1,569' FNL & 1,154' FEL, SE/4 NE/4
Section 31, T15S, R3E, SLB&M, Sanpete County, Utah

Dear Mrs. Mason:

On behalf of Petro-Hunt, L.L.C.. (Petro-Hunt), Buys & Associates, Inc. respectfully submits this request for exception to spacing. A request for exception to spacing (R649-3-2) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Petro-Hunt is the only owner and operator within 460' of the proposed well and all points along the intended wellbore path.

Please accept this letter as Petro-Hunt's, written request for confidential treatment of all information contained in and pertaining to this pending application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Mick Homiston of Petro-Hunt at 701-863-6622 if you have any questions or need additional information.

Sincerely,

Don Hamilton

Don Hamilton
Agent for Petro-Hunt

cc: Mick Homiston, Petro-Hunt
Cary Vice, Petro-Hunt

RECEIVED
JUL 23 2008
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **PETRO-HUNT, LLC**

Well Name: **RON LAMB 31A-4-1**

Api No: **43-039-30034** Lease Type: **FEE**

Section **31** Township **15S** Range **03E** County **SANPETE**

Drilling Contractor **PETE MARTIN DRLG** RIG # **RATHOLE**

SPUDDED:

Date **10/20/08**

Time

How **DRY**

Drilling will Commence:

Reported by **JUNIOR LAMB**

Telephone # **(601) 842-2638**

Date **10/27//08** **Signed** **CHD**

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
7. UNIT or CA AGREEMENT NAME: NA
8. WELL NAME and NUMBER: Ron Lamb 31A-4-1
9. API NUMBER: 43-039-30034
10. FIELD AND POOL, OR WILDCAT: Wildcat

1 TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER

2 NAME OF OPERATOR: Petro-Hunt L.L.C.

3 ADDRESS OF OPERATOR: 258 119th Ave SW Killdeer ND 58640 PHONE NUMBER: (701) 863-6622

4 LOCATION OF WELL

FOOTAGES AT SURFACE: 1569' FNL 1154' FEL COUNTY: San Pete

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 31 15S 03E S STATE: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
10/22/2008	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: spud conductor hole
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Pete Martin Drilling Inc. drilled 80' of 48" hole and ran 80' of 30" conductor pipe for Petro-Hunt at this well site on 10-20-2008. Pro-Petro Services then cemented the annulus with 675 sacks of G cement containing 2% calcium chloride. Cement came to surface and stayed there. Pete Martin Drilling also drilled the 20" mousehole and ran 14" pipe then it was cemented with 100 sacks of G cement.

NAME (PLEASE PRINT) Michael Homiston TITLE District Engineer

SIGNATURE M Homiston DATE 10/28/2008

(This space for State use only)

RECEIVED
OCT 28 2008
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Petro-Hunt L.L.C.
Operator Account Number: N 2815
Address: 258 119th Ave SW
city Killdeer
state ND zip 58640
Phone Number: (701) 863-6622

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
039-30034	Ron Lamb 31A-4-1		SENE	31	15S	03E	San Pete
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
A	99999	17170	10/20/2008			10/28/08	

Comments: Drill conductor hole prior to moving in rotary rig.
NAVA

CONFIDENTIAL

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	

Comments:

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	

Comments:

ACTION CODES:
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Michael Homiston
Name (Please Print)
Signature
District Engineer
Title
10/28/2008
Date

RECEIVED
OCT 2 8 2008
DIV. OF OIL, GAS & MINING

(5/2000)

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:	PATENTED
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	N/A
7. UNIT or CA AGREEMENT NAME:	N/A
8. WELL NAME and NUMBER:	RON LAMB 31A-4-1
9. API NUMBER:	4303930034
10. FIELD AND POOL, OR WILDCAT:	WILDCAT

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER

2. NAME OF OPERATOR: PETRO-HUNT, L. L. C.

3. ADDRESS OF OPERATOR: 258 119TH AVENUE SW CITY KILLDEER STATE ND ZIP 58640 PHONE NUMBER: (701) 863-6622

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1569' FNL & 1154' FEL COUNTY: SANPETE

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 31 15S 3E S STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 1/18/2009	☑ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☑ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

We are currently drilling the Ron Lamb 31A-4-1 wildcat well at 9,761' RKB with a mud weight of 10.6 ppg and a 13 3/8" shoe test at 4,490' RKB of 11.5 ppg. We are allowing hole conditions to dictate the 9 5/8" intermediate casing point. We are looking for an "oolite" marker and the Navajo formation. With your approval, our current plans are to drill into the Navajo formation, which should occur prior to 11,500' RKB, and log this well. At that time, the decision will be made whether to run 9 5/8" intermediate casing, plugback for sidetrack operations or plug & abandon the well.

I have attached a revised casing design.

The revised two stage cement volumes for 9 5/8" intermediate at 11,500' with the diverter tool at 4,500' are as follows:

Stage	Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
1	Lead	1164	3,500' - 10,500'	11.5 ppg	2.71 cf/sx	2214 cf	3155 cf
1	Tail	412	10,500' - 11,500'	14.3 ppg	5.42 cf/sx	313 cf	469 cf
2	Lead	160	3,000' - 4,300'	11.5 ppg	2.72 cf/sx	432 cf	432 cf
2	Tail	95	4,300' - 4,500'	15.8 ppg	1.25 cf/sx	93 cf	93 cf

Cement volumes may vary dependent upon actual casing setting depth, hole caliper results and diverter tool depth.

NAME (PLEASE PRINT) Cary J. Vice TITLE Sr. Drilling Engineer

SIGNATURE Cary J Vice DATE 1/18/2009

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE 1/20/09
BY:
*Verbal given 1/18/09

COPY SENT TO OPERATOR
Date: 1.21.2009
Initials: KS

RECEIVED
JAN 20 2009
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

CASING DESIGN CHART

WELL: RON LAMB 31A-4-1
FIELD: WILDCAT - SANPETE COUNTY, UT

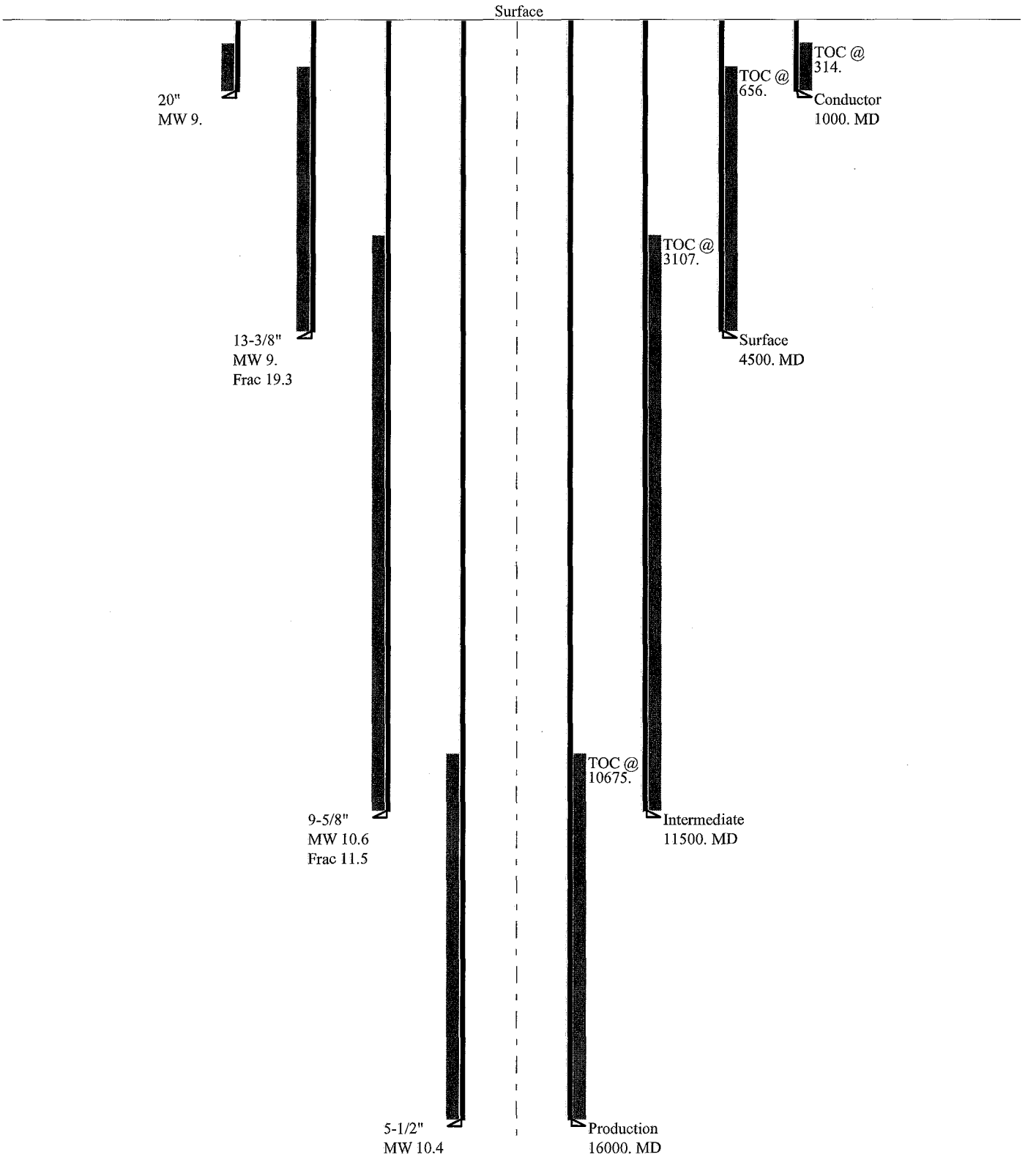
01/18/09 revised cjv

SIZE	WT/FT	GRADE	CONN	LENGTH OF SECTION	SETTING DEPTH TVD	SETTING DEPTH MD	EST. MUD WT.	PRESS GRAD PSI/FT	EST. BHP MW-.7ppg	EST. FRAC. GRAD. PPG	EST. GAS GRAD.	CALC HYDRO PRESS	WT IN AIR		COLLAPSE RATING		TENS. STRENGTH		BURST RATING
													SECTION 1000 LBS	CUMM 1000 LBS	100% PSI	ADJUSTED TENSILE	JOINT 1000 LBS	BODY 1000 LBS	
30	.375" wall	B	P.E.	80	80	80													
20"	94.00	J/K55	BTC	1026	1026	1026	9	0.468	0.432	12.1	0.10	480	96	96	520	520	1479	1480	2110
13 3/8"	68.00	HCL80	BTC	4490	4490	4490	10.2	0.530	0.494	14.4	0.10	2381	305	305	2910	2910	1692	1556	5020
9 5/8"	47.00	L80	LTC	11500	11500	11500	10.6	0.551	0.515	16.0	0.15	6339	541	541	4760	4760	893	1086	6870
5 1/2" on top	20.00	L80	BTC	8100	8100	8100	10.4	0.541	0.504	N/A	0.10	4380	162	284	8830	8830	503	466	8990
5 1/2" on btm	20.00	L80	LTC	6100	14200	14200	10.4	0.541	0.504	N/A	0.15	7679	122	122	8830	8830	416	466	9190
2 7/8" Tbg	6.50	L80	EUE	14000	14000	14000	10.4	0.541	0.504	N/A	0.15	7571	91	91	11170	11170	145	145	10570

	SAFETY FACTORS									
	DRILLING			PROD.						
	COL	TENS	BURST	BURST	ASP	ASP	DRIFT	PIN	CSG	CPLG
SIZE	1.100	1.600	1.200	1.200	DRLG	PROD	BODY	I. D.	I. D.	O. D.
20"	1.377	15.335	3.89	N/A	543	N/A	18.936	19.124	19.124	21
13 3/8"	1.506	5.096	1.7	N/A	2913	N/A	12.259	12.415	12.415	14.375
9 5/8"	1.645	1.652	2.48	N/A	2775	5575	SP DFT 8.625	8.681	8.681	10.625
5 1/2"	2.473	1.641	N/A	1.613	N/A	5575	4.767	4.892	4.892	6.050
5 1/2"	1.591	3.410	N/A	1.648	N/A	5575	4.767	4.892	4.892	6.050
2 7/8" Tbg	2.042	1.593	N/A	1.896	N/A	5575	2.347	2.441	2.441	3.668
BHP = MUD WT @ TD - 0.7 PPG X .052 X TVD =							7162			

43039300340000 Ron Lamb Trust 31A-4-1rev.1-09

Casing Schematic



Well name:	**43039300340000 Ron Lamb Trust 31A-4-1rev.1-09**
Operator:	**Petro-Hunt L.L.C.**
String type:	Intermediate
Project ID:	43-039-30034 (rev 2006-11)
Location:	Sanpete County

Design parameters:

Collapse

Mud weight:	10.600 ppg
Internal fluid density:	5.300 ppg

Burst

Max anticipated surface pressure:	4,340 psi
Internal gradient:	0.220 psi/ft
Calculated BHP	6,870 psi
Annular backup:	2.33 ppg

Minimum design factors:

Collapse:

Design factor	1.125

Burst:

Design factor	1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on buoyed weight.
Neutral point: 9,671 ft

Environment:

H2S considered?	No
Surface temperature:	75 °F
Bottom hole temperature:	236 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	1,500 ft
Cement top:	3,107 ft

Non-directional string.

Re subsequent strings:

Next setting depth:	16,000 ft
Next mud weight:	10.600 ppg
Next setting BHP:	8,810 psi
Fracture mud wt:	11.500 ppg
Fracture depth:	11,500 ft
Injection pressure:	6,870 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	11500	9.625	47.00	L-80	LT&C	11500	11500	8.625	4726.8

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3166	4760	1.503	5478	6870	1.25	455	893	1.96 J

Prepared by:	Helen Sadik-Macdonald Div of Oil,Gas & Mining	Phone: 801-538-5357 FAX: 801-359-3940	Date: January 20,2009 Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 11500 ft, a mud weight of 10.6 ppg An internal gradient of .275 psi/ft was used for collapse from TD
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

CONFIDENTIAL

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: PATENTED

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME: N/A

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER: RON LAMB 31A-4-1

2. NAME OF OPERATOR: PETRO-HUNT, L. L. C.

9. API NUMBER: 4303930034

3. ADDRESS OF OPERATOR: 258 119TH AVENUE SW CITY KILLDEER STATE ND ZIP 58640

PHONE NUMBER: (701) 863-6622

10. FIELD AND POOL, OR WILDCAT: WILDCAT

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1569' FNL & 1154' FEL

COUNTY: SANPETE

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 31 15S 3E S

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 2/5/2009	☑ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☑ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

We are currently drilling the Ron Lamb 31A-4-1 wildcat well at 11,554' RKB with a mud weight of 10.6 ppg and a 13 3/8" shoe test at 4,490' RKB of 11.5 ppg. We are allowing the hole conditions to dictate the 9 5/8" intermediate casing point. We are looking for an "oolite" marker and the Navajo formation. With your approval, our current plans are to drill into the Navajo formation, which should occur prior to 15,000' RKB, and log this well. At that time, the decision will be made whether to run 9 5/8" intermediate casing, plugback for sidetrack operations or plug & abandon the well.

I have attached a revised casing design.

The revised two stage cement volumes for 9 5/8" intermediate at 15,000' with the diverter tool at 9,200' are as follows:

Stage	Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
1	Lead	520	11,000' - 14,000'	11.5 ppg	2.71 cf/sx	939 cf	1409 cf
1	Tail	412	14,000' - 15,000'	14.3 ppg	1.23 cf/sx	313 cf	506 cf
2	Lead	740	3,000' - 9,000'	11.5 ppg	2.72 cf/sx	2012 cf	2013 cf
2	Tail	95	9,000' - 9,200'	15.8 ppg	1.25 cf/sx	87 cf	118 cf

NAME (PLEASE PRINT) Cary J. Vice TITLE Sr. Drilling Engineer

SIGNATURE Cary J. Vice DATE 2/5/2009

(This space for State use only)

COPY SENT TO OPERATOR
Date: 2.9.2009
Initials: KS

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 2/5/09
BY:

(See Instructions on Reverse Side)

RECEIVED
FEB 05 2009
DIV. OF OIL, GAS & MINING

(5/2000)

CASING DESIGN CHART

WELL: RON LAMB 31A-4-1
FIELD: WILDCAT - SANPETE COUNTY, UT

02/05/09 revised cjv

SIZE	WT/FT	GRADE	CONN	LENGTH OF SECTION	SETTING DEPTH TVD	SETTING DEPTH MD	EST. MUD WT.	PRESS GRAD PSI/FT	EST. BHP MW-.7ppg	EST. FRAC. GRAD. PPG	EST. GAS GRAD.	CALC HYDRO PRESS	WT IN AIR		COLLAPSE RATING		TENS. STRENGTH		BURST RATING
													SECTION 1000 LBS	CUMM 1000 LBS	100% PSI	ADJUSTED TENSILE	JOINT 1000 LBS	BODY 1000 LBS	
30	.375" wall	B	P.E.	80	80	80													
20"	94.00	J/K55	BTC	1026	1026	1026	9	0.468	0.432	12.1	0.10	480	96	96	520	520	1479	1480	2110
13 3/8"	68.00	HCL80	BTC	4490	4490	4490	10.2	0.530	0.494	14.4	0.10	2381	305	305	2910	2910	1692	1556	5020
9 5/8"	47.00	HCP110	LTC	5500	5500	5500	10.6	0.551	0.515	16.0	0.10	3032	259	705	7100	7100	1213	1493	9440
9 5/8"	47.00	L80	LTC	9500	15000	15000	10.6	0.551	0.515	16.0	0.15	8268	447	447	4760	4760	893	1086	6870
5 1/2" on top	20.00	L80	BTC	8000	8000	8000	10.4	0.541	0.504	N/A	0.10	4326	160	320	8830	8830	503	466	8990
5 1/2" on btm	20.00	L80	LTC	8000	16000	16000	10.4	0.541	0.504	N/A	0.15	8653	160	160	8830	8830	416	466	9190
2 7/8" Tbg	6.50	L80	EUE	15800	15800	15800	10.4	0.541	0.504	N/A	0.15	8545	103	103	11170	11170	145	145	10570

	SAFETY FACTORS									
	DRILLING			PROD.						
	COL	TENS	BURST	BURST	ASP	ASP	DRIFT	PIN	CSG	CPLG
SIZE	1.100	1.600	1.200	1.200	DRLG	PROD	BODY	I. D.	I. D.	O. D.
20"	1.377	15.335	3.89	N/A	543	N/A	18.936	19.124	19.124	21
13 3/8"	1.506	5.096	1.7	N/A	2913	N/A	12.259	12.415	12.415	14.375
9 5/8"	2.750	1.721	5.35	N/A	1763	6207	SP DFT 8.625	8.681	8.681	10.625
9 5/8"	1.450	2.000	2.20	N/A	3126	6032	SP DFT 8.625	8.681	8.681	10.625
5 1/2"	2.504	1.456	N/A	1.490	N/A	6032	4.767	4.892	4.892	6.050
5 1/2"	1.412	2.600	N/A	1.524	N/A	6032	4.767	4.892	4.892	6.050
2 7/8" Tbg	1.809	1.412	N/A	1.752	N/A	6032	2.347	2.441	2.441	3.668
BHP = MUD WT @ TD - 0.7 PPG X .052 X TVD =							8070			

Well name:	**43039300340000 Ron Lamb Trust 31A-4-1rev.2-09**
Operator:	**Petro-Hunt L.L.C.**
String type:	Intermediate
Project ID:	43-039-30034 (rev 2006-11)
Location:	Sanpete County

Design parameters:

Collapse

Mud weight:	10.600 ppg
Internal fluid density:	5.300 ppg

Burst

Max anticipated surface pressure:	5,290 psi
Internal gradient:	0.220 psi/ft
Calculated BHP	8,590 psi
Annular backup:	2.33 ppg

Minimum design factors:

Collapse:

Design factor	1.125

Burst:

Design factor	1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on buoyed weight.
Neutral point: 12,615 ft

Environment:

H2S considered?	No
Surface temperature:	75 °F
Bottom hole temperature:	285 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	1,500 ft
Cement top:	4,463 ft

Non-directional string.

Re subsequent strings:

Next setting depth:	16,000 ft
Next mud weight:	10.600 ppg
Next setting BHP:	8,810 psi
Fracture mud wt:	11.500 ppg
Fracture depth:	15,000 ft
Injection pressure:	8,961 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
2	5500	9.625	47.00	HCP-110	LT&C	5500	5500	8.625	2260.6
1	9500	9.625	47.00	L-80	LT&C	15000	15000	8.625	3904.7

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
2	1514	6520	4.306	5835	9440	1.62	593	1213	2.05 J
1	4130	4760	1.153	6775	6870	1.01	334	893	2.67 J

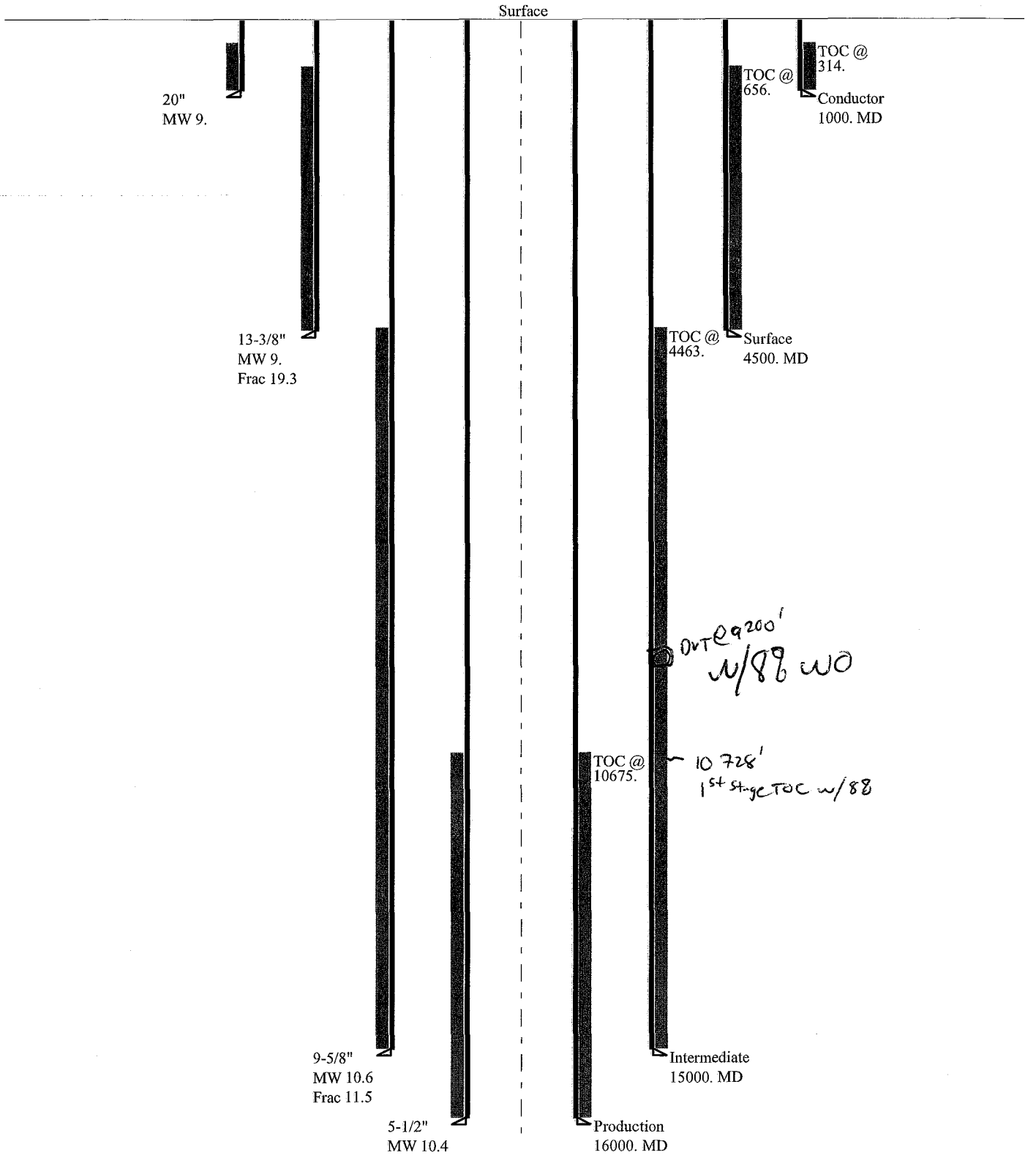
Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801-538-5357
FAX: 801-359-3940
Date: February 5,2009
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 15000 ft, a mud weight of 10.6 ppg An internal gradient of .275 psi/ft was used for collapse from TD
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

43039300340000 Ron Lamb Trust 31A-4-1rev.2-09

Casing Schematic



CONFIDENTIAL

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: PATENTED

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT or CA AGREEMENT NAME: N/A

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER DRY HOLE

8. WELL NAME and NUMBER: RON LAMB 31A-4-1

2. NAME OF OPERATOR: PETRO-HUNT, L. L. C.

9. API NUMBER: 4303930034

3. ADDRESS OF OPERATOR: 258 119TH AVENUE SW CITY KILLDEER STATE ND ZIP 58640

PHONE NUMBER: (701) 863-6622

10. FIELD AND POOL, OR WILDCAT: WILDCAT

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1569' FNL & 1154' FEL

COUNTY: SANPETE

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 31 15S 3E S

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 2/21/2009	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☑ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Per verbal approval from Mr. Dustin Doucet - Utah - Division of Oil, Gas and Mining 2-21-09, Petro-Hunt, L. L. C. will proceed with plugging and temporary abandonment of the Ron Lamb 31A-4-1 well in Sanpete Co., UT. There were no hydrocarbons in the open hole. A cement retainer will be set at +/- 4,290', 300' of cement will be squeezed below and 100' of cement will be spotted on top of the retainer. This cement plug will be tagged. A cement plug will be set from 826' - 1,226' and pressure tested with 500 psi. A surface cement plug will be set from 10' - 210' and this plug will be visually inspected. A dry hole tree will be installed on top of the wellhead equipment. (see attached Proposed T&A Schematic).

RECEIVED
FEB 23 2009
DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR
Date: 3.5.2009
Initials: KS

NAME (PLEASE PRINT) Cary J. Vice TITLE Sr. Drilling Engineer

SIGNATURE Cary J Vice DATE 2/23/2009

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 2/23/09
BY: D Duncan

(See Instructions on Reverse Side)

(5/2000)

* A well Completion Report should be submitted
** Ultimate P&A would require DHM

RECEIVED
FEB 25 2009
DIV. OF OIL, GAS & MINING

PROPOSED T&A SCHEMATIC

PETRO HUNT L. L. C.

DRILLING PROGRAM

cjv

COMPANY NAME	*PETRO HUNT L. L. C.*			DATE	*2/21/2009*
WELL NAME	*RON LAMB 31A-4-1*			TD:	*12670 RKB*
FIELD	*WILDCAT*	PROSPECT:	*WALES*	STATE:	*UTAH*
LOCATION	*SECTION 31, T 15S, R 3E*			COUNTY:	*SANPETE*
OBJECTIVE ZONE(S)	*JURASSIC LOWER TWIN CREEK AND JURASSIC NAVAJO*			WATER DEPTH:	*N/A*

GEOLOGICAL

LOGS / SURVEYS

MECHANICAL

HOLE SIZE | CASING SIZE | MUD TYPE / MUD WEIGHT

DEPTH

DO NOT CUT CASING STRINGS
LEAVE WELLHEAD &INSTALL DRY HOLE TREE

80'

30" X 0.375" Conductor Pipe

SPOT SURFACE CEMENT PLUG 10 - 210'
146 SX, 15.8 PPG, 1.15 YLD - CLASS G
VISUALLY INSPECT PLUG

WELLHEAD EQUIPMENT LEFT ON WELL:
FMC - 20-" SOW X 20 3/4" 3K STARTING HEAD
FMC - 20 3/4" 3K X 13 5/8" 5K CASING SPOOL
FMC - 13 5/8" 5K DRY HOLE TREE ON TOP

10.4 PPG
SALT MUD

SPOT CEMENT PLUG 826 - 1,226'
292 SX, 15.8 PPG, 1.15 YLD - CLASS G
PRESSURE TEST PLUG WITH 500 PSI

26" — *9.0 PPG*

20"
94# J/K55 BTC — *Brine*

1026' RKB

F. G. 12.1 PPG

10.4 PPG
SALT MUD

SET EZSV @ 4,290', SQUEEZE 168 CF (135 SX) CEMENT
BELOW FROM 4,290 - 4,490', SPOT 84 CF (68 SX, 100') ON TOP
203 SX, 15.8 PPG, 1.24 YLD - CLASS G + 15% SALT
TAG THIS PLUG

17 1/2" — *9.0 PPG*

13 3/8"
68# HCL80 BTC — *Brine*

4490' RKB

F. G. 14.4 PPG / SHOE TEST 11.5 PPG

10.4 PPG
SALT MUD

THIS TEMPORARY ABANDONMENT SCHEMATIC WAS APPROVED BY DUSTIN DOUCET 2-21-09 @ 1530 HR. HOME #(801) 733-0983

NO HYDROCARBONS IN OPEN HOLE

12 1/4" — *10.4 PPG*
Salt Saturated

TD 12670' RKB

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL COPY

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals

5. LEASE DESIGNATION AND SERIAL NUMBER: PATENTED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

7. UNIT or CA AGREEMENT NAME: NA

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER DRY HOLE

8. WELL NAME and NUMBER: RON LAMB 31A-4-1

2. NAME OF OPERATOR: PETRO-HUNT LLC

9. API NUMBER: 4303930034

3. ADDRESS OF OPERATOR: 258 119TH AVE SW CITY KILDEER STATE ND ZIP 58640

PHONE NUMBER: (701) 863-6622

10. FIELD AND POOL, OR WILDCAT: WILDCAT

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1569 FNL 1154 FEL

COUNTY: SANPETE

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 31 15S 3E S

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☑ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: 2/24/2009	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PETRO-HUNT LLC TEMPORARILY ABONDONED THE WELL BY SETTING THE FOLLOWING CEMENT PLUGS;

1. CEMENT RETAINER SET AT 4290'. SQUEEZED 136 SX CEMENT BELOW RETAINER AND SPOTTED 68 SX CEMENT ON TOP OF RETAINER. PLUG LENGTH (4203'-4492'). TAG CEMENT AT 4203'.

2. SPOT BALANCED 292 SX CEMENT PLUG FROM 808'-1208'. PRESSURE TEST TO 500#, HELD OK.

3. SPOT BALANCED 147 SX CEMENT PLUG FROM 27'-221'.

ABANDONMENT WITNESSED BY MARK JONES - UTAH OIL & GAS DIVISION.

NAME (PLEASE PRINT): MICHAEL HOMISTON

TITLE: DISTRICT ENGINEER

SIGNATURE: M Homiston KF

DATE: 3/27/2009

(This space for State use only)

RECEIVED
APR 06 2009
DIV. OF OIL, GAS & MINING

(5/2000)

(See Instructions on Reverse Side)

Petro-Hunt, LLC

Sanpete County, UT
Sec. 31-T15S-R3E
Ron Lamb 31A-4-1
Plan #1

43-039-30034

Design: Gyrodata Gyro and Sperry MWD Survey

Sperry Drilling Services

Standard Report

06 April, 2009

Well Coordinates: 6,976,041.82 N, 1,605,521.44 E (39° 28' 15.34" N, 111° 37' 25.01" W)
Ground Level: 5,543.40 ft

Local Coordinate Origin:	Centered on Well Ron Lamb 31A-4-1
Viewing Datum:	RKB 28' @ 5571.40ft (Original Well Elev)
TVDs to System:	N
North Reference:	True
Unit System:	API - US Survey Feet

Geodetic Scale Factor Applied
Version: 2003.14 Build: 57

HALLIBURTON

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.38	342.58	200.00	0.63	-0.20	0.39	0.19
Surveys from 200.00ft to 2940.00ft are Gyrodata Gyro Surveys							
400.00	0.67	3.33	399.99	2.43	-0.33	1.76	0.17
600.00	0.44	22.04	599.98	4.31	0.03	3.49	0.14
800.00	0.56	18.12	799.97	5.95	0.62	5.16	0.06
1,000.00	0.61	12.97	999.96	7.92	1.16	7.07	0.04
1,100.00	0.52	350.94	1,099.96	8.89	1.21	7.87	0.23
1,200.00	0.73	26.61	1,199.95	9.90	1.42	8.82	0.43
1,300.00	0.76	26.00	1,299.94	11.07	2.00	10.10	0.03
1,400.00	0.60	22.14	1,399.94	12.15	2.49	11.26	0.17
1,500.00	0.96	24.34	1,499.93	13.40	3.03	12.59	0.36
1,600.00	0.93	31.25	1,599.91	14.86	3.80	14.21	0.12
1,700.00	1.46	27.60	1,699.89	16.68	4.81	16.28	0.54
1,800.00	1.69	28.11	1,799.85	19.11	6.09	19.00	0.23
1,900.00	1.93	22.22	1,899.80	21.97	7.42	22.09	0.30
2,000.00	1.93	19.37	1,999.75	25.12	8.62	25.34	0.10
2,100.00	2.22	14.40	2,099.68	28.58	9.66	28.74	0.34
2,200.00	2.34	10.71	2,199.60	32.46	10.52	32.38	0.19
2,300.00	2.31	2.00	2,299.52	36.48	10.97	35.88	0.35
2,400.00	2.29	356.71	2,399.44	40.49	10.93	39.08	0.21
2,500.00	2.08	350.21	2,499.37	44.27	10.50	41.88	0.32
2,600.00	1.90	338.71	2,599.31	47.61	9.59	44.02	0.44
2,700.00	2.06	331.68	2,699.25	50.73	8.14	45.68	0.29
2,800.00	2.57	326.16	2,799.17	54.18	6.04	47.21	0.56
2,900.00	2.95	322.22	2,899.05	58.07	3.21	48.67	0.42
2,940.00	3.16	321.65	2,938.99	59.75	1.90	49.24	0.53
Tie-On to Gyrodata Gyro Survey							
3,025.00	3.54	334.54	3,023.85	63.96	-0.68	51.10	0.99
First Sperry MWD Survey							
3,117.00	4.07	321.71	3,115.65	69.09	-3.93	53.30	1.09
3,210.00	4.73	324.53	3,208.37	74.80	-8.20	55.37	0.75
3,302.00	5.27	329.01	3,300.02	81.51	-12.57	58.18	0.72
3,334.00	5.33	327.14	3,331.89	84.02	-14.14	59.27	0.57
3,364.00	4.71	323.90	3,361.77	86.18	-15.62	60.14	2.27
3,394.00	4.85	329.52	3,391.67	88.27	-16.99	61.01	1.63
3,426.00	3.92	327.45	3,423.57	90.36	-18.26	61.93	2.95
3,457.00	3.29	334.02	3,454.51	92.05	-19.22	62.73	2.43
3,488.00	2.40	332.41	3,485.47	93.43	-19.91	63.43	2.88
3,520.00	2.15	330.14	3,517.45	94.54	-20.52	63.96	0.83
3,552.00	1.84	335.50	3,549.43	95.53	-21.03	64.45	1.13
3,583.00	0.88	327.27	3,580.42	96.18	-21.37	64.78	3.15
3,614.00	1.12	329.66	3,611.41	96.65	-21.65	64.99	0.79
3,644.00	1.58	321.74	3,641.41	97.22	-22.06	65.21	1.65
3,676.00	2.52	314.62	3,673.39	98.06	-22.83	65.43	3.04
3,706.00	3.13	318.50	3,703.35	99.14	-23.84	65.70	2.13
3,736.00	3.91	324.85	3,733.29	100.59	-24.97	66.19	2.90
3,768.00	4.35	327.58	3,765.21	102.51	-26.25	66.98	1.51
3,798.00	5.76	342.19	3,795.09	104.90	-27.32	68.27	6.33

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
3,827.00	7.13	347.80	3,823.91	108.05	-28.15	70.31	5.19
3,857.00	8.40	352.06	3,853.63	112.04	-28.84	73.12	4.64
3,888.00	8.53	355.20	3,884.30	116.57	-29.35	76.47	1.55
3,918.00	8.28	355.87	3,913.97	120.94	-29.69	79.78	0.89
3,950.00	7.81	356.59	3,945.66	125.41	-29.99	83.21	1.50
3,980.00	7.56	357.45	3,975.39	129.42	-30.20	86.31	0.92
4,011.00	7.26	358.57	4,006.13	133.41	-30.34	89.44	1.07
4,041.00	7.11	0.93	4,035.89	137.16	-30.35	92.45	1.10
4,072.00	6.38	0.31	4,066.68	140.80	-30.31	95.41	2.37
4,103.00	5.93	2.89	4,097.50	144.12	-30.22	98.14	1.70
4,129.00	5.41	3.02	4,123.37	146.69	-30.09	100.28	2.00
4,161.00	4.87	9.63	4,155.25	149.54	-29.78	102.76	2.50
4,191.00	4.22	19.29	4,185.15	151.83	-29.21	104.95	3.34
4,223.00	3.66	31.13	4,217.08	153.82	-28.29	107.09	3.08
4,255.00	3.45	45.03	4,249.02	155.37	-27.08	109.06	2.76
4,290.00	3.64	63.87	4,283.95	156.61	-25.34	111.09	3.36
4,320.00	3.88	81.02	4,313.89	157.18	-23.48	112.65	3.82
4,351.00	4.05	89.01	4,344.81	157.37	-21.35	114.06	1.86
4,382.00	3.70	91.57	4,375.74	157.36	-19.25	115.30	1.26
4,413.00	2.20	97.59	4,406.70	157.25	-17.66	116.16	4.93
4,426.00	1.45	87.49	4,419.69	157.23	-17.25	116.38	6.26
4,507.00	0.34	313.85	4,500.68	157.44	-16.40	117.05	2.10
4,537.00	0.49	298.70	4,530.68	157.56	-16.58	117.05	0.62
4,567.00	0.75	306.18	4,560.68	157.74	-16.85	117.03	0.91
4,599.00	0.75	291.93	4,592.68	157.94	-17.21	116.98	0.58
4,629.00	0.77	249.59	4,622.68	157.94	-17.58	116.76	1.83
4,660.00	1.14	222.90	4,653.67	157.65	-17.99	116.28	1.84
4,690.00	1.59	227.48	4,683.66	157.15	-18.50	115.57	1.54
4,721.00	1.49	217.32	4,714.65	156.53	-19.06	114.75	0.94
4,752.00	1.28	222.56	4,745.64	155.96	-19.54	114.00	0.79
4,783.00	0.58	194.50	4,776.64	155.55	-19.81	113.51	2.63
4,814.00	0.53	164.43	4,807.64	155.26	-19.81	113.28	0.94
4,845.00	0.44	155.88	4,838.64	155.02	-19.73	113.13	0.37
4,876.00	0.73	126.28	4,869.64	154.79	-19.52	113.07	1.32
4,908.00	0.68	132.66	4,901.63	154.54	-19.21	113.05	0.29
4,939.00	0.76	145.75	4,932.63	154.25	-18.96	112.96	0.59
4,971.00	0.65	155.66	4,964.63	153.91	-18.77	112.81	0.51
5,001.00	0.81	152.76	4,994.63	153.56	-18.60	112.63	0.55
5,032.00	0.64	173.14	5,025.62	153.19	-18.48	112.40	0.99
5,062.00	0.90	180.40	5,055.62	152.79	-18.46	112.09	0.92
5,093.00	1.23	172.38	5,086.62	152.22	-18.42	111.65	1.17
5,123.00	1.92	170.55	5,116.60	151.40	-18.29	111.07	2.31
5,154.00	2.23	176.56	5,147.58	150.29	-18.17	110.25	1.22
5,184.00	2.48	174.28	5,177.56	149.06	-18.07	109.32	0.89
5,214.00	2.53	175.99	5,207.53	147.76	-17.96	108.33	0.30
5,245.00	2.71	179.39	5,238.50	146.34	-17.91	107.22	0.77
5,275.00	2.69	175.38	5,268.46	144.93	-17.84	106.13	0.63
5,306.00	2.81	180.78	5,299.43	143.44	-17.79	104.96	0.92
5,336.00	2.92	184.67	5,329.39	141.95	-17.87	103.71	0.74
5,368.00	2.90	181.50	5,361.35	140.33	-17.95	102.35	0.51

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
5,398.00	2.59	178.36	5,391.32	138.89	-17.95	101.20	1.15
5,428.00	2.83	178.19	5,421.28	137.47	-17.91	100.08	0.80
5,459.00	2.91	183.23	5,452.24	135.92	-17.93	98.82	0.85
5,489.00	3.15	178.68	5,482.20	134.34	-17.96	97.53	1.13
5,521.00	3.33	174.24	5,514.15	132.53	-17.84	96.14	0.96
5,551.00	3.39	171.46	5,544.10	130.79	-17.62	94.87	0.58
5,582.00	3.13	163.18	5,575.05	129.07	-17.24	93.71	1.73
5,612.00	3.06	156.81	5,605.00	127.55	-16.69	92.82	1.17
5,643.00	2.90	150.00	5,635.96	126.11	-15.97	92.08	1.25
5,674.00	2.70	144.54	5,666.93	124.84	-15.16	91.54	1.07
5,705.00	2.80	136.73	5,697.89	123.69	-14.21	91.18	1.25
5,737.00	2.65	122.90	5,729.85	122.72	-13.06	91.08	2.10
5,767.00	2.50	121.51	5,759.82	122.00	-11.92	91.18	0.54
5,798.00	1.91	116.91	5,790.80	121.42	-10.88	91.32	1.99
5,828.00	1.87	116.31	5,820.78	120.97	-10.00	91.49	0.15
5,859.00	1.94	114.88	5,851.77	120.53	-9.07	91.68	0.27
5,889.00	1.96	116.72	5,881.75	120.08	-8.15	91.87	0.22
5,921.00	1.95	113.13	5,913.73	119.62	-7.16	92.08	0.38
5,951.00	2.03	120.90	5,943.71	119.15	-6.23	92.25	0.94
5,983.00	2.20	119.66	5,975.69	118.56	-5.21	92.38	0.55
6,014.00	2.52	124.63	6,006.67	117.87	-4.13	92.47	1.22
6,045.00	2.33	138.17	6,037.64	117.02	-3.15	92.36	1.94
6,075.00	1.91	154.70	6,067.62	116.11	-2.53	92.00	2.46
6,107.00	1.91	162.89	6,099.60	115.12	-2.15	91.43	0.85
6,137.00	2.22	158.71	6,129.58	114.10	-1.79	90.82	1.15
6,169.00	2.44	163.27	6,161.55	112.87	-1.37	90.08	0.90
6,199.00	2.05	165.39	6,191.53	111.74	-1.05	89.36	1.33
6,229.00	1.05	151.56	6,221.52	110.98	-0.78	88.90	3.54
6,261.00	0.70	107.34	6,253.52	110.66	-0.46	88.84	2.29
6,291.00	0.81	50.25	6,283.51	110.74	-0.12	89.11	2.43
6,322.00	0.85	43.22	6,314.51	111.05	0.21	89.55	0.35
6,352.00	0.77	44.68	6,344.51	111.36	0.50	89.97	0.28
6,384.00	0.81	43.50	6,376.50	111.67	0.81	90.41	0.13
6,415.00	0.96	34.72	6,407.50	112.05	1.11	90.88	0.65
6,446.00	0.75	36.25	6,438.50	112.42	1.37	91.34	0.68
6,476.00	0.43	19.55	6,468.50	112.69	1.53	91.65	1.20
6,507.00	0.09	42.68	6,499.50	112.81	1.58	91.78	1.13
6,538.00	0.19	43.04	6,530.50	112.87	1.64	91.86	0.32
6,569.00	0.07	300.10	6,561.50	112.92	1.65	91.91	0.70
6,599.00	0.12	149.27	6,591.50	112.90	1.65	91.89	0.61
6,630.00	0.13	177.19	6,622.50	112.84	1.67	91.85	0.20
6,660.00	0.22	97.95	6,652.50	112.79	1.73	91.86	0.78
6,691.00	0.29	190.69	6,683.49	112.71	1.78	91.81	1.20
6,721.00	0.33	142.55	6,713.49	112.57	1.81	91.72	0.85
6,752.00	0.37	164.36	6,744.49	112.40	1.90	91.63	0.45
6,783.00	0.37	164.98	6,775.49	112.21	1.95	91.51	0.01
6,815.00	0.48	162.11	6,807.49	111.98	2.02	91.37	0.35
6,847.00	0.69	174.48	6,839.49	111.66	2.08	91.15	0.76
6,877.00	0.68	169.55	6,869.49	111.30	2.13	90.89	0.20
6,907.00	0.93	165.26	6,899.49	110.89	2.22	90.61	0.86

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
6,938.00	0.96	166.39	6,930.48	110.40	2.34	90.29	0.11
6,969.00	0.95	158.05	6,961.48	109.91	2.50	89.99	0.45
7,000.00	1.08	167.81	6,992.47	109.38	2.66	89.66	0.70
7,031.00	1.28	168.77	7,023.47	108.76	2.79	89.23	0.65
7,063.00	1.23	170.50	7,055.46	108.07	2.92	88.75	0.20
7,093.00	1.35	166.58	7,085.45	107.41	3.05	88.30	0.50
7,125.00	1.32	167.18	7,117.44	106.68	3.22	87.82	0.10
7,156.00	1.24	162.96	7,148.43	106.01	3.40	87.38	0.40
7,187.00	1.27	157.41	7,179.43	105.37	3.63	87.00	0.40
7,218.00	1.12	164.45	7,210.42	104.77	3.84	86.64	0.68
7,249.00	1.45	165.56	7,241.41	104.09	4.02	86.21	1.07
7,279.00	1.32	153.58	7,271.40	103.42	4.27	85.81	1.06
7,310.00	1.53	157.67	7,302.39	102.71	4.58	85.43	0.75
7,340.00	1.48	156.21	7,332.38	101.99	4.89	85.03	0.21
7,372.00	1.49	150.93	7,364.37	101.25	5.26	84.65	0.43
7,402.00	1.76	158.68	7,394.36	100.48	5.62	84.24	1.16
7,432.00	1.72	147.94	7,424.35	99.67	6.02	83.83	1.09
7,464.00	1.92	149.95	7,456.33	98.80	6.55	83.44	0.66
7,494.00	2.26	161.67	7,486.31	97.80	6.99	82.90	1.81
7,525.00	2.27	168.33	7,517.29	96.62	7.30	82.13	0.85
7,555.00	2.22	171.89	7,547.26	95.46	7.50	81.32	0.49
7,585.00	1.64	156.35	7,577.25	94.49	7.76	80.69	2.59
7,616.00	1.34	146.10	7,608.24	93.78	8.14	80.35	1.29
7,647.00	1.55	158.12	7,639.23	93.09	8.50	80.00	1.19
7,679.00	1.48	163.23	7,671.22	92.30	8.78	79.53	0.48
7,711.00	1.70	176.78	7,703.20	91.43	8.92	78.91	1.36
7,741.00	2.00	178.04	7,733.19	90.46	8.97	78.16	1.01
7,772.00	1.91	179.97	7,764.17	89.40	8.99	77.32	0.36
7,802.00	2.08	190.03	7,794.15	88.37	8.89	76.43	1.30
7,833.00	2.11	184.49	7,825.13	87.24	8.75	75.44	0.66
7,863.00	2.35	186.50	7,855.11	86.08	8.64	74.44	0.84
7,895.00	2.35	183.25	7,887.08	84.78	8.52	73.32	0.42
7,925.00	2.52	181.95	7,917.05	83.50	8.47	72.26	0.60
7,955.00	2.25	181.78	7,947.03	82.25	8.43	71.23	0.90
7,986.00	1.90	180.90	7,978.01	81.13	8.40	70.31	1.13
8,016.00	1.80	177.37	8,007.99	80.16	8.41	69.54	0.51
8,046.00	2.12	179.64	8,037.97	79.14	8.44	68.73	1.10
8,077.00	2.03	180.79	8,068.95	78.02	8.43	67.82	0.32
8,107.00	2.04	177.56	8,098.93	76.95	8.45	66.98	0.38
8,137.00	2.49	178.53	8,128.91	75.77	8.49	66.05	1.51
8,168.00	2.32	174.57	8,159.88	74.47	8.57	65.05	0.77
8,200.00	2.49	172.39	8,191.86	73.14	8.72	64.06	0.60
8,232.00	2.62	171.98	8,223.82	71.72	8.91	63.04	0.41
8,262.00	2.80	171.37	8,253.79	70.32	9.12	62.03	0.61
8,294.00	2.34	181.08	8,285.76	68.89	9.22	60.95	1.97
8,324.00	2.19	180.94	8,315.73	67.71	9.20	59.98	0.50
8,356.00	2.24	192.34	8,347.71	66.49	9.06	58.91	1.38
8,386.00	1.93	190.60	8,377.69	65.42	8.84	57.92	1.05
8,416.00	2.01	183.64	8,407.67	64.39	8.71	57.02	0.84
8,447.00	1.93	185.98	8,438.66	63.33	8.63	56.11	0.37

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
8,477.00	1.88	179.28	8,468.64	62.34	8.58	55.29	0.76
8,509.00	1.83	179.39	8,500.62	61.30	8.59	54.46	0.16
8,539.00	2.18	181.10	8,530.60	60.25	8.58	53.61	1.18
8,570.00	2.29	176.07	8,561.58	59.05	8.62	52.66	0.73
8,601.00	2.27	181.50	8,592.56	57.81	8.64	51.68	0.70
8,632.00	2.31	181.85	8,623.53	56.58	8.61	50.66	0.14
8,663.00	1.95	186.19	8,654.51	55.43	8.53	49.69	1.27
8,695.00	1.95	187.44	8,686.49	54.35	8.40	48.74	0.13
8,725.00	1.91	182.31	8,716.47	53.34	8.31	47.88	0.59
8,757.00	1.90	183.17	8,748.46	52.28	8.26	47.00	0.09
8,789.00	1.81	174.30	8,780.44	51.25	8.28	46.18	0.94
8,819.00	1.92	179.45	8,810.42	50.27	8.34	45.42	0.67
8,851.00	2.06	176.97	8,842.40	49.16	8.37	44.55	0.51
8,882.00	2.17	176.15	8,873.38	48.02	8.44	43.67	0.37
8,913.00	2.31	177.35	8,904.36	46.81	8.51	42.74	0.48
8,943.00	2.16	173.58	8,934.34	45.64	8.60	41.85	0.70
8,973.00	2.37	175.09	8,964.31	44.46	8.72	40.97	0.73
9,004.00	2.26	175.33	8,995.29	43.22	8.82	40.03	0.36
9,034.00	2.16	179.10	9,025.27	42.06	8.88	39.13	0.59
9,065.00	1.85	186.01	9,056.25	40.98	8.83	38.24	1.27
9,095.00	1.72	186.98	9,086.23	40.05	8.73	37.43	0.44
9,125.00	1.67	188.55	9,116.22	39.17	8.61	36.65	0.23
9,157.00	1.72	191.85	9,148.20	38.24	8.44	35.80	0.34
9,187.00	1.81	191.33	9,178.19	37.34	8.26	34.96	0.30
9,218.00	1.86	189.05	9,209.17	36.36	8.08	34.07	0.29
9,248.00	1.94	186.64	9,239.16	35.37	7.95	33.20	0.38
9,280.00	2.06	184.19	9,271.14	34.26	7.84	32.24	0.46
9,310.00	2.17	182.07	9,301.12	33.16	7.78	31.31	0.45
9,342.00	2.18	182.39	9,333.10	31.94	7.73	30.31	0.05
9,372.00	2.11	185.18	9,363.07	30.82	7.66	29.36	0.42
9,403.00	2.01	185.62	9,394.05	29.71	7.55	28.41	0.33
9,434.00	1.97	184.68	9,425.04	28.64	7.46	27.49	0.17
9,466.00	1.82	188.28	9,457.02	27.59	7.34	26.57	0.60
9,498.00	1.88	189.19	9,489.00	26.57	7.18	25.65	0.21
9,528.00	1.84	193.02	9,518.99	25.61	7.00	24.77	0.44
9,558.00	1.96	193.30	9,548.97	24.65	6.77	23.86	0.40
9,590.00	2.10	199.39	9,580.95	23.56	6.45	22.80	0.80
9,620.00	2.17	198.34	9,610.93	22.50	6.09	21.73	0.27
9,651.00	2.17	193.53	9,641.91	21.37	5.77	20.63	0.59
9,682.00	1.89	194.20	9,672.89	20.31	5.50	19.62	0.91
9,713.00	1.96	192.35	9,703.87	19.30	5.26	18.66	0.30
9,743.00	1.87	191.29	9,733.85	18.31	5.06	17.75	0.32
9,774.00	1.85	189.89	9,764.84	17.33	4.87	16.84	0.16
9,805.00	1.92	186.17	9,795.82	16.32	4.73	15.94	0.45
9,836.00	1.72	182.30	9,826.80	15.33	4.66	15.11	0.76
9,867.00	1.73	177.62	9,857.79	14.40	4.66	14.36	0.46
9,898.00	1.56	171.32	9,888.78	13.52	4.74	13.70	0.80
9,928.00	1.64	160.78	9,918.76	12.71	4.94	13.17	1.01
9,960.00	1.56	156.17	9,950.75	11.88	5.27	12.69	0.47
9,990.00	1.73	147.99	9,980.74	11.12	5.68	12.32	0.96

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
10,021.00	1.68	138.14	10,011.73	10.38	6.23	12.05	0.96
10,052.00	1.85	132.32	10,042.71	9.71	6.90	11.91	0.80
10,083.00	1.81	123.65	10,073.70	9.10	7.68	11.88	0.90
10,113.00	2.03	121.02	10,103.68	8.57	8.53	11.95	0.79
10,145.00	2.20	115.77	10,135.66	8.01	9.57	12.12	0.80
10,168.00	2.53	116.00	10,158.64	7.59	10.42	12.29	1.44
10,199.00	2.23	101.59	10,189.61	7.17	11.63	12.67	2.15
10,230.00	2.84	101.15	10,220.58	6.90	12.97	13.25	1.97
10,261.00	2.68	98.77	10,251.54	6.64	14.44	13.91	0.63
10,291.00	1.72	128.13	10,281.52	6.26	15.49	14.22	4.84
10,322.00	1.87	120.28	10,312.51	5.71	16.29	14.26	0.93
10,353.00	0.92	154.89	10,343.50	5.23	16.83	14.20	3.97
10,385.00	0.41	187.17	10,375.50	4.89	16.93	13.97	1.92
10,416.00	0.98	168.08	10,406.49	4.52	16.97	13.70	1.96
10,447.00	0.68	168.83	10,437.49	4.08	17.06	13.40	0.97
10,508.00	1.11	145.65	10,498.48	3.24	17.46	12.96	0.91
10,569.00	1.11	134.80	10,559.47	2.33	18.21	12.68	0.34
10,599.00	1.29	137.71	10,589.47	1.88	18.65	12.57	0.63
10,629.00	1.01	128.41	10,619.46	1.46	19.08	12.49	1.12
10,690.00	0.15	71.69	10,680.46	1.15	19.58	12.54	1.53
10,751.00	0.42	111.37	10,741.46	1.10	19.86	12.66	0.52
10,813.00	0.33	150.35	10,803.45	0.86	20.16	12.65	0.43
10,874.00	0.50	134.80	10,864.45	0.52	20.44	12.54	0.33
10,936.00	0.91	70.85	10,926.45	0.49	21.10	12.90	1.33
10,997.00	1.68	55.17	10,987.43	1.16	22.29	14.15	1.38
11,028.00	1.38	64.32	11,018.42	1.58	23.00	14.91	1.25
11,059.00	2.05	48.76	11,049.41	2.11	23.75	15.78	2.61
11,090.00	1.59	60.61	11,080.39	2.68	24.54	16.71	1.91
11,120.00	1.31	82.25	11,110.38	2.94	25.25	17.33	2.03
11,152.00	2.07	61.31	11,142.37	3.26	26.11	18.11	3.02
11,182.00	2.19	68.27	11,172.35	3.73	27.12	19.09	0.95
11,213.00	2.43	67.47	11,203.32	4.21	28.28	20.15	0.78
11,244.00	2.34	75.88	11,234.30	4.61	29.50	21.21	1.16
11,275.00	2.01	74.93	11,265.27	4.91	30.64	22.12	1.07
11,305.00	2.01	80.74	11,295.26	5.13	31.67	22.91	0.68
11,337.00	1.59	82.11	11,327.24	5.28	32.66	23.62	1.32
11,368.00	1.29	69.48	11,358.23	5.46	33.41	24.21	1.40
11,398.00	1.65	60.59	11,388.22	5.79	34.11	24.89	1.42
11,429.00	1.86	65.83	11,419.21	6.22	34.95	25.73	0.85
11,459.00	1.68	61.20	11,449.19	6.63	35.78	26.55	0.77
11,489.00	1.98	50.59	11,479.18	7.17	36.57	27.46	1.50
11,520.00	1.98	64.40	11,510.16	7.74	37.47	28.45	1.54
11,550.00	1.66	78.12	11,540.14	8.05	38.36	29.23	1.79
11,581.00	1.36	68.41	11,571.13	8.28	39.14	29.88	1.27
11,613.00	1.53	79.11	11,603.12	8.50	39.91	30.51	0.99
11,643.00	1.57	79.40	11,633.11	8.65	40.71	31.11	0.14
11,673.00	1.97	80.43	11,663.10	8.81	41.62	31.78	1.34
11,705.00	1.97	82.13	11,695.08	8.98	42.71	32.56	0.18
11,737.00	1.58	85.87	11,727.06	9.09	43.69	33.23	1.27
11,769.00	1.50	78.07	11,759.05	9.21	44.54	33.82	0.70

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
11,800.00	0.88	87.55	11,790.04	9.30	45.18	34.28	2.09
11,819.00	0.16	83.93	11,809.04	9.31	45.35	34.39	3.79
11,831.00	0.39	246.43	11,821.04	9.30	45.33	34.36	4.54
11,847.00	1.05	251.79	11,837.04	9.23	45.14	34.20	4.14
11,863.00	1.88	248.64	11,853.04	9.09	44.76	33.85	5.21
11,895.00	1.38	260.22	11,885.02	8.83	43.89	33.13	1.86
11,927.00	2.14	278.77	11,917.01	8.86	42.92	32.58	2.94
11,959.00	2.43	272.49	11,948.98	8.98	41.65	31.92	1.20
11,989.00	2.55	268.48	11,978.95	8.99	40.35	31.16	0.70
12,022.00	2.37	272.90	12,011.92	9.00	38.93	30.33	0.79
12,054.00	2.41	273.42	12,043.90	9.07	37.60	29.60	0.14
12,086.00	2.13	275.26	12,075.87	9.17	36.34	28.93	0.90
12,118.00	1.73	271.17	12,107.85	9.23	35.26	28.34	1.32
12,150.00	1.87	267.22	12,139.84	9.22	34.26	27.73	0.58
12,182.00	1.99	282.15	12,171.82	9.31	33.19	27.18	1.61
12,214.00	2.31	279.31	12,203.80	9.53	32.01	26.66	1.05
12,246.00	2.37	281.55	12,235.77	9.77	30.73	26.08	0.34
12,277.00	1.80	293.36	12,266.75	10.09	29.65	25.71	2.29
12,309.00	2.55	286.08	12,298.73	10.49	28.51	25.35	2.49
12,341.00	2.50	283.18	12,330.69	10.84	27.14	24.82	0.43
12,373.00	2.46	289.58	12,362.66	11.23	25.82	24.35	0.87
12,405.00	3.01	284.26	12,394.63	11.67	24.36	23.84	1.89
12,437.00	2.73	282.44	12,426.59	12.04	22.80	23.21	0.92
12,469.00	2.88	284.79	12,458.55	12.41	21.28	22.61	0.59
12,488.00	3.06	284.19	12,477.52	12.66	20.32	22.24	0.96
12,520.00	2.98	284.62	12,509.48	13.07	18.69	21.61	0.26
12,551.00	3.00	286.89	12,540.44	13.51	17.13	21.04	0.39
12,583.00	2.98	285.93	12,572.39	13.99	15.53	20.47	0.17
12,604.00	2.97	285.51	12,593.37	14.28	14.48	20.09	0.11
Final Sperry MWD Survey							
12,670.00	2.97	285.51	12,659.28	15.19	11.19	18.87	0.00
Survey Projection to TD of Sperry Directional Work							

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
200.00	200.00	0.63	-0.20	Surveys from 200.00ft to 2940.00ft are Gyrodata Gyro Surveys
2,940.00	2,938.99	59.75	1.90	Tie-On to Gyrodata Gyro Survey
3,025.00	3,023.85	63.96	-0.68	First Sperry MWD Survey
12,604.00	12,593.37	14.28	14.48	Final Sperry MWD Survey
12,670.00	12,659.28	15.19	11.19	Survey Projection to TD of Sperry Directional Work

Vertical Section Information

	Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/_S (ft)	Origin +E/-W (ft)	Start TVD (ft)
TD		No Target (Freehand)	36.36	Slot	0.00	0.00	0.00

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

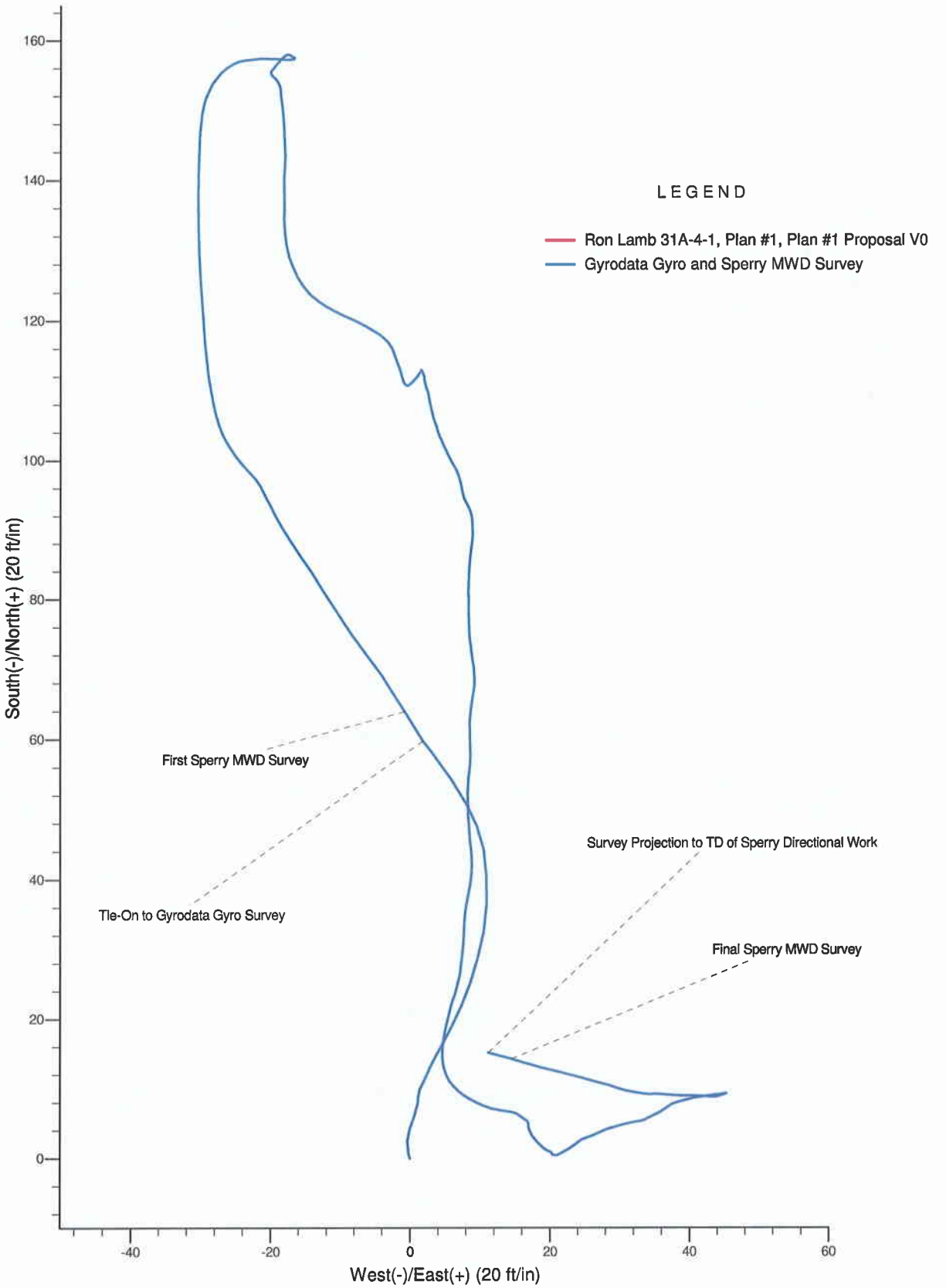
Survey tool program

From (ft)	To (ft)	Survey/Plan	Survey Tool
200.00	2,940.00	Gyrodata Gyro Surveys	NS-GYRO-MS
3,025.00	12,670.00	Sperry MWD Surveys	MWD

Project: Sanpete County, UT
Site: Sec. 31-T15S-R3E
Well: Ron Lamb 31A-4-1
Wellbore: Plan #1

Petro-Hunt, LLC

HALLIBURTON



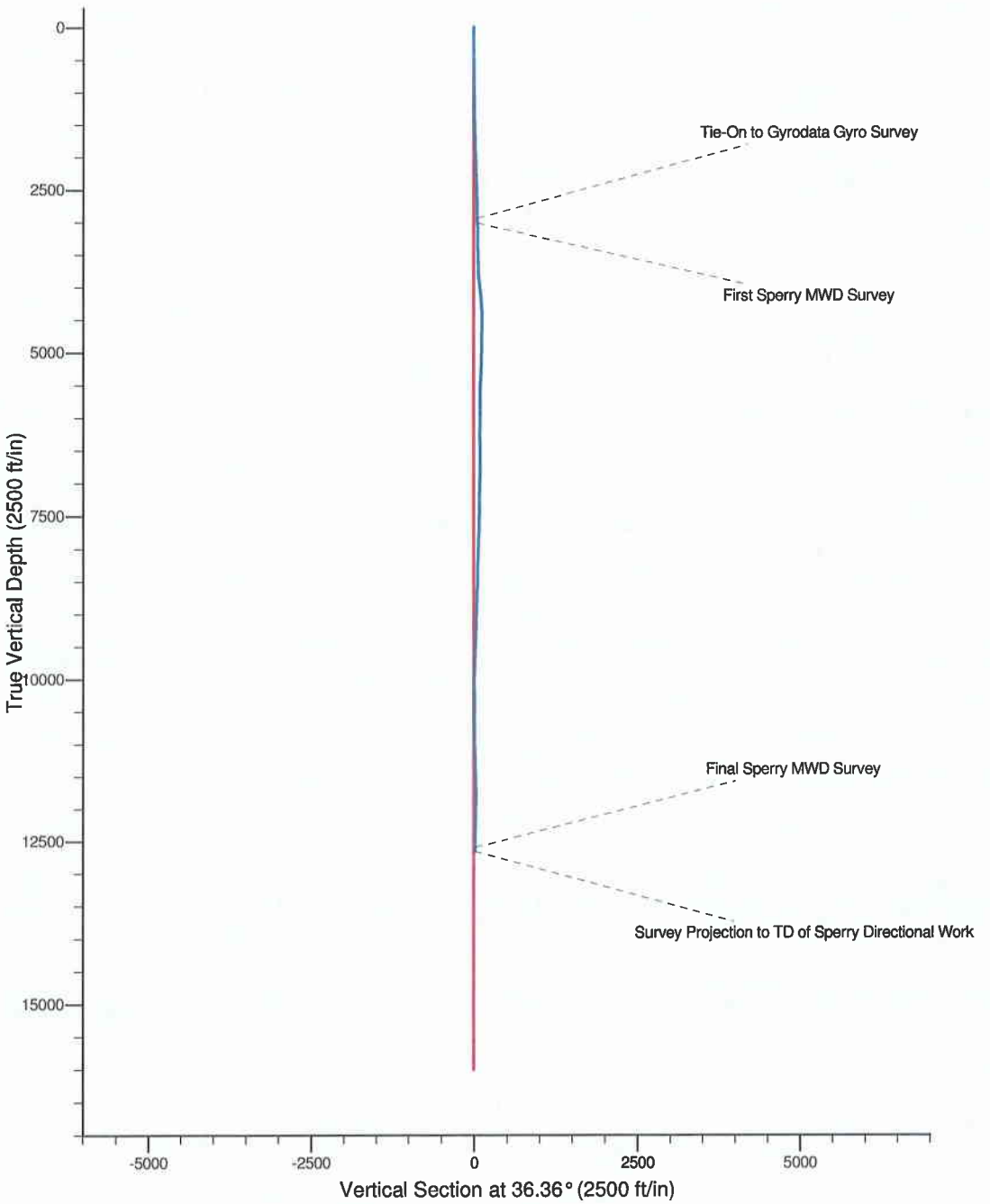
Project: Sanpete County, UT
Site: Sec. 31-T15S-R3E
Well: Ron Lamb 31A-4-1

Petro-Hunt, LLC

HALLIBURTON

LEGEND

Ron Lamb 31A-4-1, Plan #1, Plan #1 Proposal V0
Gyrodata Gyro and Sperry MWD Survey



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: PATENTED
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
7. UNIT or CA AGREEMENT NAME: N/A
8. WELL NAME and NUMBER: RON LAMB 31A-4-1
9. API NUMBER: 4303930034
10 FIELD AND POOL, OR WILDCAT: WILDCAT

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☑ OTHER

b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

2. NAME OF OPERATOR: PETRO-HUNT, L. L. C.

3. ADDRESS OF OPERATOR: 258 119TH AVE. SW CITY KILLDEER STATE ND ZIP 58640
PHONE NUMBER: (701) 863-6622

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1569' FNL & 1154' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH: 1569 (54) FNL & 1154 (43) FEL
Per HSM Review

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 31 15S 3E S
12. COUNTY: SANPETE
13. STATE: UTAH

14. DATE SPUDDED: 11/28/2008
15. DATE T.D. REACHED: 2/17/2009
16. DATE COMPLETED: 2/24/2009 ABANDONED ☑ READY TO PRODUCE ☐
17. ELEVATIONS (DF, RKB, RT, GL): RKB = 5571'

18. TOTAL DEPTH: MD 12,670 TVD 12,659 (5913)
19. PLUG BACK T.D.: MD 10 TVD 10
20. IF MULTIPLE COMPLETIONS, HOW MANY? *
21. DEPTH BRIDGE PLUG SET: MD 4,290 TVD 4,290

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
AT 1026' - GR/AIT/BHC; AT 4490' - GR/HRSLA/DIP/CAL; AT 12670' - FMI/DSLT/SGTN/VSP

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☑ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
48"	30 X52	234	0	80		G 675	109	0	0
26"	20 JK55	94	0	1,026		CBM 1,435	583	0	0
17.5"	13 3/8 HCP	68	0	4,490		ECO/G 1,940	1,041	0	0

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A)				
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
4203' - 4490'	EZSV @ 4290'; SQZD 168 SX CMT BELOW, SPOTTED 68 SX ON TOP.
808' - 1208'	SPOTTED 292 SX BALANCED CMT PLUG.
10' - 221'	SPOTTED 147 SX BALANCED CMT PLUG.

29. ENCLOSED ATTACHMENTS:
☑ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☑ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: TA

(5/2000) (CONTINUED ON BACK)

RECEIVED
JUL 26 2010
DIV. OF OIL, GAS & MINING

31. INITIAL PRODUCTION — **INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Quat. Alluvium	25	140	SS/SLST/SH, WATER BEARING		
Miocene Moroni	140	2,210	LMST/SS/SH, WATER BEARING		
Miocene Volcanic	2,210	2,320	RHYOLITE, WATER BEARING		
Eocene Colton	2,320	3,475	SH/SLST/SS, WATER BEARING		
Paleo. Flag./Nhor	3,475	4,445	LMST/SH/SS, WATER BEARING		

35. ADDITIONAL REMARKS (Include plugging procedure)

PLEASE SEE ATTACHED PLUGGING SCHEMATIC.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) MIKE ENDRUD TITLE DISTRICT MANAGER

SIGNATURE DATE 7/22/2010

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

ACTUAL T&A SCHEMATIC

PETRO HUNT L. L. C.

DRILLING PROGRAM

cjv

COMPANY NAME	PETRO HUNT L. L. C.			DATE	6/28/2010
WELL NAME	RON LAMB 31A-4-1			TD:	12670 RKB
FIELD	WILDCAT	PROSPECT:	WALES	STATE:	UTAH
LOCATION	SECTION 31, T 15S, R 3E			COUNTY:	SANPETE
OBJECTIVE ZONE(S)	JURASSIC LOWER TWIN CREEK AND JURASSIC NAVAJO			WATER DEPTH:	N/A

GEOLOGICAL | MECHANICAL

LOGS / SURVEYS

DEPTH

HOLE SIZE | CASING SIZE | MUD TYPE / MUD WEIGHT

DID NOT CUT CASING STRINGS
LEFT WELLHEAD &INSTALLED DRY HOLE TREE — 80'

30" X 0.375" Conductor Pipe

SPOTTED SURFACE CEMENT PLUG 10 - 221'
147 SX, 15.8 PPG, 1.15 YLD - CLASS G
VISUALLY INSPECTED PLUG

WELLHEAD EQUIPMENT LEFT ON WELL:
FMC - 20-" SOW X 20 3/4" 3K STARTING HEAD
FMC - 20 3/4" 3K X 13 5/8" 5K CASING SPOOL
FMC - 13 5/8" 5K DRY HOLE TREE ON TOP

10.3 PPG SALT MUD

SPOTTED CEMENT PLUG 808 - 1,208'
292 SX, 15.8 PPG, 1.23 YLD - CLASS G
PRESSURE TESTED PLUG WITH 500 PSI

26" — 9.0 PPG

20" 94# J/K55 BTC — Brine

1026' RKB

F. G. 12.1 PPG

10.3 PPG SALT MUD

EZSV @ 4,290', TAGGED TOP OF CEMENT @ 4,203'
SQUEEZED 168 SX CEMENT BELOW RETAINER 4290-4490'
SPOTTED 68 SX CEMENT ON TOP OF RETAINER
204 SX, 15.8 PPG, 1.23 YLD - CLASS G + 15% SALT

17 1/2" — 9.0 PPG

13 3/8" 68# HCL80 BTC — Brine

4490' RKB

F. G. 14.4 PPG / SHOE TEST 11.5 PPG

THIS TEMPORARY ABANDONMENT SCHEMATIC WAS APPROVED BY DUSTIN DOUCET 2-21-09 @ 1530 HR. HOME #(801) 733-0983

10.3 PPG SALT MUD

NO HYDROCARBONS IN OPEN HOLE

12 1/4" — 10.4 PPG

Salt Saturated

TD 12670' RKB

Petro-Hunt, LLC

Sanpete County, UT
Sec. 31-T15S-R3E
Ron Lamb 31A-4-1
Plan #1

Design: Gyrodata Gyro and Sperry MWD Survey

Sperry Drilling Services

Standard Report

06 April, 2009

Well Coordinates: 6,976,041.82 N, 1,605,521.44 E (39° 28' 15.34" N, 111° 37' 25.01" W)
Ground Level: 5,543.40 ft

Local Coordinate Origin:	Centered on Well Ron Lamb 31A-4-1
Viewing Datum:	RKB 28' @ 5571.40ft (Original Well Elev)
TVDs to System:	N
North Reference:	True
Unit System:	API - US Survey Feet

Geodetic Scale Factor Applied
Version: 2003.14 Build: 57

HALLIBURTON

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.38	342.58	200.00	0.63	-0.20	0.39	0.19
Surveys from 200.00ft to 2940.00ft are Gyrodata Gyro Surveys							
400.00	0.67	3.33	399.99	2.43	-0.33	1.76	0.17
600.00	0.44	22.04	599.98	4.31	0.03	3.49	0.14
800.00	0.56	18.12	799.97	5.95	0.62	5.16	0.06
1,000.00	0.61	12.97	999.96	7.92	1.16	7.07	0.04
1,100.00	0.52	350.94	1,099.96	8.89	1.21	7.87	0.23
1,200.00	0.73	26.61	1,199.95	9.90	1.42	8.82	0.43
1,300.00	0.76	26.00	1,299.94	11.07	2.00	10.10	0.03
1,400.00	0.60	22.14	1,399.94	12.15	2.49	11.26	0.17
1,500.00	0.96	24.34	1,499.93	13.40	3.03	12.59	0.36
1,600.00	0.93	31.25	1,599.91	14.86	3.80	14.21	0.12
1,700.00	1.46	27.60	1,699.89	16.68	4.81	16.28	0.54
1,800.00	1.69	28.11	1,799.85	19.11	6.09	19.00	0.23
1,900.00	1.93	22.22	1,899.80	21.97	7.42	22.09	0.30
2,000.00	1.93	19.37	1,999.75	25.12	8.62	25.34	0.10
2,100.00	2.22	14.40	2,099.68	28.58	9.66	28.74	0.34
2,200.00	2.34	10.71	2,199.60	32.46	10.52	32.38	0.19
2,300.00	2.31	2.00	2,299.52	36.48	10.97	35.88	0.35
2,400.00	2.29	356.71	2,399.44	40.49	10.93	39.08	0.21
2,500.00	2.08	350.21	2,499.37	44.27	10.50	41.88	0.32
2,600.00	1.90	338.71	2,599.31	47.61	9.59	44.02	0.44
2,700.00	2.06	331.68	2,699.25	50.73	8.14	45.68	0.29
2,800.00	2.57	326.16	2,799.17	54.18	6.04	47.21	0.56
2,900.00	2.95	322.22	2,899.05	58.07	3.21	48.67	0.42
2,940.00	3.16	321.65	2,938.99	59.75	1.90	49.24	0.53
Tie-On to Gyrodata Gyro Survey							
3,025.00	3.54	334.54	3,023.85	63.96	-0.68	51.10	0.99
First Sperry MWD Survey							
3,117.00	4.07	321.71	3,115.65	69.09	-3.93	53.30	1.09
3,210.00	4.73	324.53	3,208.37	74.80	-8.20	55.37	0.75
3,302.00	5.27	329.01	3,300.02	81.51	-12.57	58.18	0.72
3,334.00	5.33	327.14	3,331.89	84.02	-14.14	59.27	0.57
3,364.00	4.71	323.90	3,361.77	86.18	-15.62	60.14	2.27
3,394.00	4.85	329.52	3,391.67	88.27	-16.99	61.01	1.63
3,426.00	3.92	327.45	3,423.57	90.36	-18.26	61.93	2.95
3,457.00	3.29	334.02	3,454.51	92.05	-19.22	62.73	2.43
3,488.00	2.40	332.41	3,485.47	93.43	-19.91	63.43	2.88
3,520.00	2.15	330.14	3,517.45	94.54	-20.52	63.96	0.83
3,552.00	1.84	335.50	3,549.43	95.53	-21.03	64.45	1.13
3,583.00	0.88	327.27	3,580.42	96.18	-21.37	64.78	3.15
3,614.00	1.12	329.66	3,611.41	96.65	-21.65	64.99	0.79
3,644.00	1.58	321.74	3,641.41	97.22	-22.06	65.21	1.65
3,676.00	2.52	314.62	3,673.39	98.06	-22.83	65.43	3.04
3,706.00	3.13	318.50	3,703.35	99.14	-23.84	65.70	2.13
3,736.00	3.91	324.85	3,733.29	100.59	-24.97	66.19	2.90
3,768.00	4.35	327.58	3,765.21	102.51	-26.25	66.98	1.51
3,798.00	5.76	342.19	3,795.09	104.90	-27.32	68.27	6.33

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
3,827.00	7.13	347.80	3,823.91	108.05	-28.15	70.31	5.19
3,857.00	8.40	352.06	3,853.63	112.04	-28.84	73.12	4.64
3,888.00	8.53	355.20	3,884.30	116.57	-29.35	76.47	1.55
3,918.00	8.28	355.87	3,913.97	120.94	-29.69	79.78	0.89
3,950.00	7.81	356.59	3,945.66	125.41	-29.99	83.21	1.50
3,980.00	7.56	357.45	3,975.39	129.42	-30.20	86.31	0.92
4,011.00	7.26	358.57	4,006.13	133.41	-30.34	89.44	1.07
4,041.00	7.11	0.93	4,035.89	137.16	-30.35	92.45	1.10
4,072.00	6.38	0.31	4,066.68	140.80	-30.31	95.41	2.37
4,103.00	5.93	2.89	4,097.50	144.12	-30.22	98.14	1.70
4,129.00	5.41	3.02	4,123.37	146.69	-30.09	100.28	2.00
4,161.00	4.87	9.63	4,155.25	149.54	-29.78	102.76	2.50
4,191.00	4.22	19.29	4,185.15	151.83	-29.21	104.95	3.34
4,223.00	3.66	31.13	4,217.08	153.82	-28.29	107.09	3.08
4,255.00	3.45	45.03	4,249.02	155.37	-27.08	109.06	2.76
4,290.00	3.64	63.87	4,283.95	156.61	-25.34	111.09	3.36
4,320.00	3.88	81.02	4,313.89	157.18	-23.48	112.65	3.82
4,351.00	4.05	89.01	4,344.81	157.37	-21.35	114.06	1.86
4,382.00	3.70	91.57	4,375.74	157.36	-19.25	115.30	1.26
4,413.00	2.20	97.59	4,406.70	157.25	-17.66	116.16	4.93
4,426.00	1.45	87.49	4,419.69	157.23	-17.25	116.38	6.26
4,507.00	0.34	313.85	4,500.68	157.44	-16.40	117.05	2.10
4,537.00	0.49	298.70	4,530.68	157.56	-16.58	117.05	0.62
4,567.00	0.75	306.18	4,560.68	157.74	-16.85	117.03	0.91
4,599.00	0.75	291.93	4,592.68	157.94	-17.21	116.98	0.58
4,629.00	0.77	249.59	4,622.68	157.94	-17.58	116.76	1.83
4,660.00	1.14	222.90	4,653.67	157.65	-17.99	116.28	1.84
4,690.00	1.59	227.48	4,683.66	157.15	-18.50	115.57	1.54
4,721.00	1.49	217.32	4,714.65	156.53	-19.06	114.75	0.94
4,752.00	1.28	222.56	4,745.64	155.96	-19.54	114.00	0.79
4,783.00	0.58	194.50	4,776.64	155.55	-19.81	113.51	2.63
4,814.00	0.53	164.43	4,807.64	155.26	-19.81	113.28	0.94
4,845.00	0.44	155.88	4,838.64	155.02	-19.73	113.13	0.37
4,876.00	0.73	126.28	4,869.64	154.79	-19.52	113.07	1.32
4,908.00	0.68	132.66	4,901.63	154.54	-19.21	113.05	0.29
4,939.00	0.76	145.75	4,932.63	154.25	-18.96	112.96	0.59
4,971.00	0.65	155.66	4,964.63	153.91	-18.77	112.81	0.51
5,001.00	0.81	152.76	4,994.63	153.56	-18.60	112.63	0.55
5,032.00	0.64	173.14	5,025.62	153.19	-18.48	112.40	0.99
5,062.00	0.90	180.40	5,055.62	152.79	-18.46	112.09	0.92
5,093.00	1.23	172.38	5,086.62	152.22	-18.42	111.65	1.17
5,123.00	1.92	170.55	5,116.60	151.40	-18.29	111.07	2.31
5,154.00	2.23	176.56	5,147.58	150.29	-18.17	110.25	1.22
5,184.00	2.48	174.28	5,177.56	149.06	-18.07	109.32	0.89
5,214.00	2.53	175.99	5,207.53	147.76	-17.96	108.33	0.30
5,245.00	2.71	179.39	5,238.50	146.34	-17.91	107.22	0.77
5,275.00	2.69	175.38	5,268.46	144.93	-17.84	106.13	0.63
5,306.00	2.81	180.78	5,299.43	143.44	-17.79	104.96	0.92
5,336.00	2.92	184.67	5,329.39	141.95	-17.87	103.71	0.74
5,368.00	2.90	181.50	5,361.35	140.33	-17.95	102.35	0.51

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
5,398.00	2.59	178.36	5,391.32	138.89	-17.95	101.20	1.15
5,428.00	2.83	178.19	5,421.28	137.47	-17.91	100.08	0.80
5,459.00	2.91	183.23	5,452.24	135.92	-17.93	98.82	0.85
5,489.00	3.15	178.68	5,482.20	134.34	-17.96	97.53	1.13
5,521.00	3.33	174.24	5,514.15	132.53	-17.84	96.14	0.96
5,551.00	3.39	171.46	5,544.10	130.79	-17.62	94.87	0.58
5,582.00	3.13	163.18	5,575.05	129.07	-17.24	93.71	1.73
5,612.00	3.06	156.81	5,605.00	127.55	-16.69	92.82	1.17
5,643.00	2.90	150.00	5,635.96	126.11	-15.97	92.08	1.25
5,674.00	2.70	144.54	5,666.93	124.84	-15.16	91.54	1.07
5,705.00	2.80	136.73	5,697.89	123.69	-14.21	91.18	1.25
5,737.00	2.65	122.90	5,729.85	122.72	-13.06	91.08	2.10
5,767.00	2.50	121.51	5,759.82	122.00	-11.92	91.18	0.54
5,798.00	1.91	116.91	5,790.80	121.42	-10.88	91.32	1.99
5,828.00	1.87	116.31	5,820.78	120.97	-10.00	91.49	0.15
5,859.00	1.94	114.88	5,851.77	120.53	-9.07	91.68	0.27
5,889.00	1.96	116.72	5,881.75	120.08	-8.15	91.87	0.22
5,921.00	1.95	113.13	5,913.73	119.62	-7.16	92.08	0.38
5,951.00	2.03	120.90	5,943.71	119.15	-6.23	92.25	0.94
5,983.00	2.20	119.66	5,975.69	118.56	-5.21	92.38	0.55
6,014.00	2.52	124.63	6,006.67	117.87	-4.13	92.47	1.22
6,045.00	2.33	138.17	6,037.64	117.02	-3.15	92.36	1.94
6,075.00	1.91	154.70	6,067.62	116.11	-2.53	92.00	2.46
6,107.00	1.91	162.89	6,099.60	115.12	-2.15	91.43	0.85
6,137.00	2.22	158.71	6,129.58	114.10	-1.79	90.82	1.15
6,169.00	2.44	163.27	6,161.55	112.87	-1.37	90.08	0.90
6,199.00	2.05	165.39	6,191.53	111.74	-1.05	89.36	1.33
6,229.00	1.05	151.56	6,221.52	110.98	-0.78	88.90	3.54
6,261.00	0.70	107.34	6,253.52	110.66	-0.46	88.84	2.29
6,291.00	0.81	50.25	6,283.51	110.74	-0.12	89.11	2.43
6,322.00	0.85	43.22	6,314.51	111.05	0.21	89.55	0.35
6,352.00	0.77	44.68	6,344.51	111.36	0.50	89.97	0.28
6,384.00	0.81	43.50	6,376.50	111.67	0.81	90.41	0.13
6,415.00	0.96	34.72	6,407.50	112.05	1.11	90.88	0.65
6,446.00	0.75	36.25	6,438.50	112.42	1.37	91.34	0.68
6,476.00	0.43	19.55	6,468.50	112.69	1.53	91.65	1.20
6,507.00	0.09	42.68	6,499.50	112.81	1.58	91.78	1.13
6,538.00	0.19	43.04	6,530.50	112.87	1.64	91.86	0.32
6,569.00	0.07	300.10	6,561.50	112.92	1.65	91.91	0.70
6,599.00	0.12	149.27	6,591.50	112.90	1.65	91.89	0.61
6,630.00	0.13	177.19	6,622.50	112.84	1.67	91.85	0.20
6,660.00	0.22	97.95	6,652.50	112.79	1.73	91.86	0.78
6,691.00	0.29	190.69	6,683.49	112.71	1.78	91.81	1.20
6,721.00	0.33	142.55	6,713.49	112.57	1.81	91.72	0.85
6,752.00	0.37	164.36	6,744.49	112.40	1.90	91.63	0.45
6,783.00	0.37	164.98	6,775.49	112.21	1.95	91.51	0.01
6,815.00	0.48	162.11	6,807.49	111.98	2.02	91.37	0.35
6,847.00	0.69	174.48	6,839.49	111.66	2.08	91.15	0.76
6,877.00	0.68	169.55	6,869.49	111.30	2.13	90.89	0.20
6,907.00	0.93	165.26	6,899.49	110.89	2.22	90.61	0.86

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
6,938.00	0.96	166.39	6,930.48	110.40	2.34	90.29	0.11
6,969.00	0.95	158.05	6,961.48	109.91	2.50	89.99	0.45
7,000.00	1.08	167.81	6,992.47	109.38	2.66	89.66	0.70
7,031.00	1.28	168.77	7,023.47	108.76	2.79	89.23	0.65
7,063.00	1.23	170.50	7,055.46	108.07	2.92	88.75	0.20
7,093.00	1.35	166.58	7,085.45	107.41	3.05	88.30	0.50
7,125.00	1.32	167.18	7,117.44	106.68	3.22	87.82	0.10
7,156.00	1.24	162.96	7,148.43	106.01	3.40	87.38	0.40
7,187.00	1.27	157.41	7,179.43	105.37	3.63	87.00	0.40
7,218.00	1.12	164.45	7,210.42	104.77	3.84	86.64	0.68
7,249.00	1.45	165.56	7,241.41	104.09	4.02	86.21	1.07
7,279.00	1.32	153.58	7,271.40	103.42	4.27	85.81	1.06
7,310.00	1.53	157.67	7,302.39	102.71	4.58	85.43	0.75
7,340.00	1.48	156.21	7,332.38	101.99	4.89	85.03	0.21
7,372.00	1.49	150.93	7,364.37	101.25	5.26	84.65	0.43
7,402.00	1.76	158.68	7,394.36	100.48	5.62	84.24	1.16
7,432.00	1.72	147.94	7,424.35	99.67	6.02	83.83	1.09
7,464.00	1.92	149.95	7,456.33	98.80	6.55	83.44	0.66
7,494.00	2.26	161.67	7,486.31	97.80	6.99	82.90	1.81
7,525.00	2.27	168.33	7,517.29	96.62	7.30	82.13	0.85
7,555.00	2.22	171.89	7,547.26	95.46	7.50	81.32	0.49
7,585.00	1.64	156.35	7,577.25	94.49	7.76	80.69	2.59
7,616.00	1.34	146.10	7,608.24	93.78	8.14	80.35	1.29
7,647.00	1.55	158.12	7,639.23	93.09	8.50	80.00	1.19
7,679.00	1.48	163.23	7,671.22	92.30	8.78	79.53	0.48
7,711.00	1.70	176.78	7,703.20	91.43	8.92	78.91	1.36
7,741.00	2.00	178.04	7,733.19	90.46	8.97	78.16	1.01
7,772.00	1.91	179.97	7,764.17	89.40	8.99	77.32	0.36
7,802.00	2.08	190.03	7,794.15	88.37	8.89	76.43	1.30
7,833.00	2.11	184.49	7,825.13	87.24	8.75	75.44	0.66
7,863.00	2.35	186.50	7,855.11	86.08	8.64	74.44	0.84
7,895.00	2.35	183.25	7,887.08	84.78	8.52	73.32	0.42
7,925.00	2.52	181.95	7,917.05	83.50	8.47	72.26	0.60
7,955.00	2.25	181.78	7,947.03	82.25	8.43	71.23	0.90
7,986.00	1.90	180.90	7,978.01	81.13	8.40	70.31	1.13
8,016.00	1.80	177.37	8,007.99	80.16	8.41	69.54	0.51
8,046.00	2.12	179.64	8,037.97	79.14	8.44	68.73	1.10
8,077.00	2.03	180.79	8,068.95	78.02	8.43	67.82	0.32
8,107.00	2.04	177.56	8,098.93	76.95	8.45	66.98	0.38
8,137.00	2.49	178.53	8,128.91	75.77	8.49	66.05	1.51
8,168.00	2.32	174.57	8,159.88	74.47	8.57	65.05	0.77
8,200.00	2.49	172.39	8,191.86	73.14	8.72	64.06	0.60
8,232.00	2.62	171.98	8,223.82	71.72	8.91	63.04	0.41
8,262.00	2.80	171.37	8,253.79	70.32	9.12	62.03	0.61
8,294.00	2.34	181.08	8,285.76	68.89	9.22	60.95	1.97
8,324.00	2.19	180.94	8,315.73	67.71	9.20	59.98	0.50
8,356.00	2.24	192.34	8,347.71	66.49	9.06	58.91	1.38
8,386.00	1.93	190.60	8,377.69	65.42	8.84	57.92	1.05
8,416.00	2.01	183.64	8,407.67	64.39	8.71	57.02	0.84
8,447.00	1.93	185.98	8,438.66	63.33	8.63	56.11	0.37

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
8,477.00	1.88	179.28	8,468.64	62.34	8.58	55.29	0.76
8,509.00	1.83	179.39	8,500.62	61.30	8.59	54.46	0.16
8,539.00	2.18	181.10	8,530.60	60.25	8.58	53.61	1.18
8,570.00	2.29	176.07	8,561.58	59.05	8.62	52.66	0.73
8,601.00	2.27	181.50	8,592.56	57.81	8.64	51.68	0.70
8,632.00	2.31	181.85	8,623.53	56.58	8.61	50.66	0.14
8,663.00	1.95	186.19	8,654.51	55.43	8.53	49.69	1.27
8,695.00	1.95	187.44	8,686.49	54.35	8.40	48.74	0.13
8,725.00	1.91	182.31	8,716.47	53.34	8.31	47.88	0.59
8,757.00	1.90	183.17	8,748.46	52.28	8.26	47.00	0.09
8,789.00	1.81	174.30	8,780.44	51.25	8.28	46.18	0.94
8,819.00	1.92	179.45	8,810.42	50.27	8.34	45.42	0.67
8,851.00	2.06	176.97	8,842.40	49.16	8.37	44.55	0.51
8,882.00	2.17	176.15	8,873.38	48.02	8.44	43.67	0.37
8,913.00	2.31	177.35	8,904.36	46.81	8.51	42.74	0.48
8,943.00	2.16	173.58	8,934.34	45.64	8.60	41.85	0.70
8,973.00	2.37	175.09	8,964.31	44.46	8.72	40.97	0.73
9,004.00	2.26	175.33	8,995.29	43.22	8.82	40.03	0.36
9,034.00	2.16	179.10	9,025.27	42.06	8.88	39.13	0.59
9,065.00	1.85	186.01	9,056.25	40.98	8.83	38.24	1.27
9,095.00	1.72	186.98	9,086.23	40.05	8.73	37.43	0.44
9,125.00	1.67	188.55	9,116.22	39.17	8.61	36.65	0.23
9,157.00	1.72	191.85	9,148.20	38.24	8.44	35.80	0.34
9,187.00	1.81	191.33	9,178.19	37.34	8.26	34.96	0.30
9,218.00	1.86	189.05	9,209.17	36.36	8.08	34.07	0.29
9,248.00	1.94	186.64	9,239.16	35.37	7.95	33.20	0.38
9,280.00	2.06	184.19	9,271.14	34.26	7.84	32.24	0.46
9,310.00	2.17	182.07	9,301.12	33.16	7.78	31.31	0.45
9,342.00	2.18	182.39	9,333.10	31.94	7.73	30.31	0.05
9,372.00	2.11	185.18	9,363.07	30.82	7.66	29.36	0.42
9,403.00	2.01	185.62	9,394.05	29.71	7.55	28.41	0.33
9,434.00	1.97	184.68	9,425.04	28.64	7.46	27.49	0.17
9,466.00	1.82	188.28	9,457.02	27.59	7.34	26.57	0.60
9,498.00	1.88	189.19	9,489.00	26.57	7.18	25.65	0.21
9,528.00	1.84	193.02	9,518.99	25.61	7.00	24.77	0.44
9,558.00	1.96	193.30	9,548.97	24.65	6.77	23.86	0.40
9,590.00	2.10	199.39	9,580.95	23.56	6.45	22.80	0.80
9,620.00	2.17	198.34	9,610.93	22.50	6.09	21.73	0.27
9,651.00	2.17	193.53	9,641.91	21.37	5.77	20.63	0.59
9,682.00	1.89	194.20	9,672.89	20.31	5.50	19.62	0.91
9,713.00	1.96	192.35	9,703.87	19.30	5.26	18.66	0.30
9,743.00	1.87	191.29	9,733.85	18.31	5.06	17.75	0.32
9,774.00	1.85	189.89	9,764.84	17.33	4.87	16.84	0.16
9,805.00	1.92	186.17	9,795.82	16.32	4.73	15.94	0.45
9,836.00	1.72	182.30	9,826.80	15.33	4.66	15.11	0.76
9,867.00	1.73	177.62	9,857.79	14.40	4.66	14.36	0.46
9,898.00	1.56	171.32	9,888.78	13.52	4.74	13.70	0.80
9,928.00	1.64	160.78	9,918.76	12.71	4.94	13.17	1.01
9,960.00	1.56	156.17	9,950.75	11.88	5.27	12.69	0.47
9,990.00	1.73	147.99	9,980.74	11.12	5.68	12.32	0.96

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
10,021.00	1.68	138.14	10,011.73	10.38	6.23	12.05	0.96
10,052.00	1.85	132.32	10,042.71	9.71	6.90	11.91	0.80
10,083.00	1.81	123.65	10,073.70	9.10	7.68	11.88	0.90
10,113.00	2.03	121.02	10,103.68	8.57	8.53	11.95	0.79
10,145.00	2.20	115.77	10,135.66	8.01	9.57	12.12	0.80
10,168.00	2.53	116.00	10,158.64	7.59	10.42	12.29	1.44
10,199.00	2.23	101.59	10,189.61	7.17	11.63	12.67	2.15
10,230.00	2.84	101.15	10,220.58	6.90	12.97	13.25	1.97
10,261.00	2.68	98.77	10,251.54	6.64	14.44	13.91	0.63
10,291.00	1.72	128.13	10,281.52	6.26	15.49	14.22	4.84
10,322.00	1.87	120.28	10,312.51	5.71	16.29	14.26	0.93
10,353.00	0.92	154.89	10,343.50	5.23	16.83	14.20	3.97
10,385.00	0.41	187.17	10,375.50	4.89	16.93	13.97	1.92
10,416.00	0.98	168.08	10,406.49	4.52	16.97	13.70	1.96
10,447.00	0.68	168.83	10,437.49	4.08	17.06	13.40	0.97
10,508.00	1.11	145.65	10,498.48	3.24	17.46	12.96	0.91
10,569.00	1.11	134.80	10,559.47	2.33	18.21	12.68	0.34
10,599.00	1.29	137.71	10,589.47	1.88	18.65	12.57	0.63
10,629.00	1.01	128.41	10,619.46	1.46	19.08	12.49	1.12
10,690.00	0.15	71.69	10,680.46	1.15	19.58	12.54	1.53
10,751.00	0.42	111.37	10,741.46	1.10	19.86	12.66	0.52
10,813.00	0.33	150.35	10,803.45	0.86	20.16	12.65	0.43
10,874.00	0.50	134.80	10,864.45	0.52	20.44	12.54	0.33
10,936.00	0.91	70.85	10,926.45	0.49	21.10	12.90	1.33
10,997.00	1.68	55.17	10,987.43	1.16	22.29	14.15	1.38
11,028.00	1.38	64.32	11,018.42	1.58	23.00	14.91	1.25
11,059.00	2.05	48.76	11,049.41	2.11	23.75	15.78	2.61
11,090.00	1.59	60.61	11,080.39	2.68	24.54	16.71	1.91
11,120.00	1.31	82.25	11,110.38	2.94	25.25	17.33	2.03
11,152.00	2.07	61.31	11,142.37	3.26	26.11	18.11	3.02
11,182.00	2.19	68.27	11,172.35	3.73	27.12	19.09	0.95
11,213.00	2.43	67.47	11,203.32	4.21	28.28	20.15	0.78
11,244.00	2.34	75.88	11,234.30	4.61	29.50	21.21	1.16
11,275.00	2.01	74.93	11,265.27	4.91	30.64	22.12	1.07
11,305.00	2.01	80.74	11,295.26	5.13	31.67	22.91	0.68
11,337.00	1.59	82.11	11,327.24	5.28	32.66	23.62	1.32
11,368.00	1.29	69.48	11,358.23	5.46	33.41	24.21	1.40
11,398.00	1.65	60.59	11,388.22	5.79	34.11	24.89	1.42
11,429.00	1.86	65.83	11,419.21	6.22	34.95	25.73	0.85
11,459.00	1.68	61.20	11,449.19	6.63	35.78	26.55	0.77
11,489.00	1.98	50.59	11,479.18	7.17	36.57	27.46	1.50
11,520.00	1.98	64.40	11,510.16	7.74	37.47	28.45	1.54
11,550.00	1.66	78.12	11,540.14	8.05	38.36	29.23	1.79
11,581.00	1.36	68.41	11,571.13	8.28	39.14	29.88	1.27
11,613.00	1.53	79.11	11,603.12	8.50	39.91	30.51	0.99
11,643.00	1.57	79.40	11,633.11	8.65	40.71	31.11	0.14
11,673.00	1.97	80.43	11,663.10	8.81	41.62	31.78	1.34
11,705.00	1.97	82.13	11,695.08	8.98	42.71	32.56	0.18
11,737.00	1.58	85.87	11,727.06	9.09	43.69	33.23	1.27
11,769.00	1.50	78.07	11,759.05	9.21	44.54	33.82	0.70

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
11,800.00	0.88	87.55	11,790.04	9.30	45.18	34.28	2.09
11,819.00	0.16	83.93	11,809.04	9.31	45.35	34.39	3.79
11,831.00	0.39	246.43	11,821.04	9.30	45.33	34.36	4.54
11,847.00	1.05	251.79	11,837.04	9.23	45.14	34.20	4.14
11,863.00	1.88	248.64	11,853.04	9.09	44.76	33.85	5.21
11,895.00	1.38	260.22	11,885.02	8.83	43.89	33.13	1.86
11,927.00	2.14	278.77	11,917.01	8.86	42.92	32.58	2.94
11,959.00	2.43	272.49	11,948.98	8.98	41.65	31.92	1.20
11,989.00	2.55	268.48	11,978.95	8.99	40.35	31.16	0.70
12,022.00	2.37	272.90	12,011.92	9.00	38.93	30.33	0.79
12,054.00	2.41	273.42	12,043.90	9.07	37.60	29.60	0.14
12,086.00	2.13	275.26	12,075.87	9.17	36.34	28.93	0.90
12,118.00	1.73	271.17	12,107.85	9.23	35.26	28.34	1.32
12,150.00	1.87	267.22	12,139.84	9.22	34.26	27.73	0.58
12,182.00	1.99	282.15	12,171.82	9.31	33.19	27.18	1.61
12,214.00	2.31	279.31	12,203.80	9.53	32.01	26.66	1.05
12,246.00	2.37	281.55	12,235.77	9.77	30.73	26.08	0.34
12,277.00	1.80	293.36	12,266.75	10.09	29.65	25.71	2.29
12,309.00	2.55	286.08	12,298.73	10.49	28.51	25.35	2.49
12,341.00	2.50	283.18	12,330.69	10.84	27.14	24.82	0.43
12,373.00	2.46	289.58	12,362.66	11.23	25.82	24.35	0.87
12,405.00	3.01	284.26	12,394.63	11.67	24.36	23.84	1.89
12,437.00	2.73	282.44	12,426.59	12.04	22.80	23.21	0.92
12,469.00	2.88	284.79	12,458.55	12.41	21.28	22.61	0.59
12,488.00	3.06	284.19	12,477.52	12.66	20.32	22.24	0.96
12,520.00	2.98	284.62	12,509.48	13.07	18.69	21.61	0.26
12,551.00	3.00	286.89	12,540.44	13.51	17.13	21.04	0.39
12,583.00	2.98	285.93	12,572.39	13.99	15.53	20.47	0.17
12,604.00	2.97	285.51	12,593.37	14.28	14.48	20.09	0.11
Final Sperry MWD Survey							
12,670.00	2.97	285.51	12,659.28	15.19	11.19	18.87	0.00

Survey Projection to TD of Sperry Directional Work

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
200.00	200.00	0.63	-0.20	Surveys from 200.00ft to 2940.00ft are Gyrodata Gyro Surveys
2,940.00	2,938.99	59.75	1.90	Tie-On to Gyrodata Gyro Survey
3,025.00	3,023.85	63.96	-0.68	First Sperry MWD Survey
12,604.00	12,593.37	14.28	14.48	Final Sperry MWD Survey
12,670.00	12,659.28	15.19	11.19	Survey Projection to TD of Sperry Directional Work

Vertical Section Information

	Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/_S (ft)	Origin +E/-W (ft)	Start TVD (ft)
TD		No Target (Freehand)	36.36	Slot	0.00	0.00	0.00

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

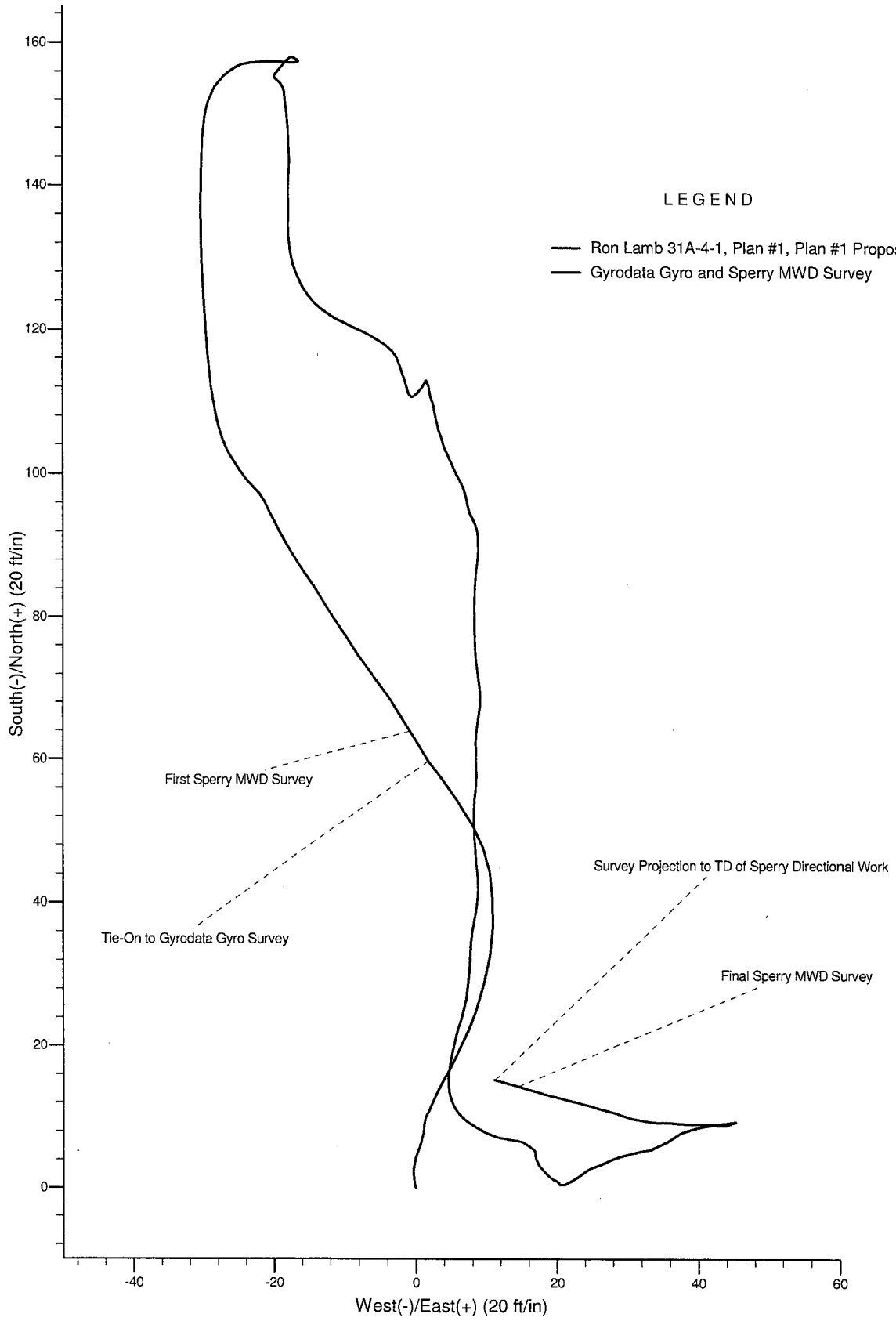
Survey tool program

From (ft)	To (ft)	Survey/Plan	Survey Tool
200.00	2,940.00	Gyrodata Gyro Surveys	NS-GYRO-MS
3,025.00	12,670.00	Sperry MWD Surveys	MWD

Project: Sanpete County, UT
Site: Sec. 31-T15S-R3E
Well: Ron Lamb 31A-4-1
Wellbore: Plan #1

Petro-Hunt, LLC

HALLIBURTON



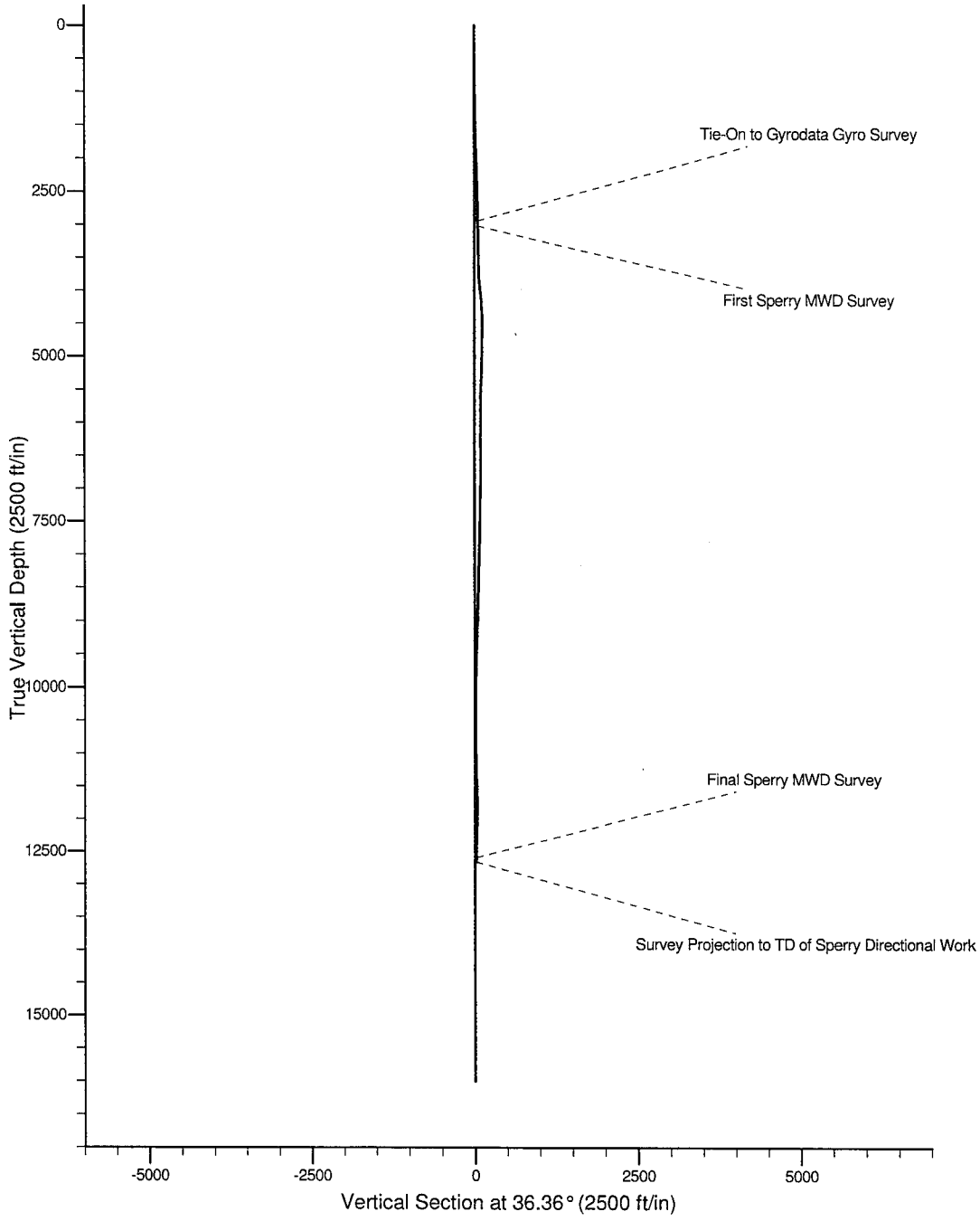
Project: Sanpete County, UT
Site: Sec. 31-T15S-R3E
Well: Ron Lamb 31A-4-1

Petro-Hunt, LLC

HALLIBURTON

LEGEND

Ron Lamb 31A-4-1, Plan #1, Plan #1 Proposal V0
Gyrodata Gyro and Sperry MWD Survey



Petro-Hunt, LLC

Sanpete County, UT
Sec. 31-T15S-R3E
Ron Lamb 31A-4-1
Plan #1

Design: Gyrodata Gyro and Sperry MWD Survey

Sperry Drilling Services

Standard Report

06 April, 2009

Well Coordinates: 6,976,041.82 N, 1,605,521.44 E (39° 28' 15.34" N, 111° 37' 25.01" W)
Ground Level: 5,543.40 ft

Local Coordinate Origin:	Centered on Well Ron Lamb 31A-4-1
Viewing Datum:	RKB 28' @ 5571.40ft (Original Well Elev)
TVDs to System:	N
North Reference:	True
Unit System:	API - US Survey Feet

Geodetic Scale Factor Applied
Version: 2003.14 Build: 57

HALLIBURTON

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.38	342.58	200.00	0.63	-0.20	0.39	0.19
Surveys from 200.00ft to 2940.00ft are Gyrodata Gyro Surveys							
400.00	0.67	3.33	399.99	2.43	-0.33	1.76	0.17
600.00	0.44	22.04	599.98	4.31	0.03	3.49	0.14
800.00	0.56	18.12	799.97	5.95	0.62	5.16	0.06
1,000.00	0.61	12.97	999.96	7.92	1.16	7.07	0.04
1,100.00	0.52	350.94	1,099.96	8.89	1.21	7.87	0.23
1,200.00	0.73	26.61	1,199.95	9.90	1.42	8.82	0.43
1,300.00	0.76	26.00	1,299.94	11.07	2.00	10.10	0.03
1,400.00	0.60	22.14	1,399.94	12.15	2.49	11.26	0.17
1,500.00	0.96	24.34	1,499.93	13.40	3.03	12.59	0.36
1,600.00	0.93	31.25	1,599.91	14.86	3.80	14.21	0.12
1,700.00	1.46	27.60	1,699.89	16.68	4.81	16.28	0.54
1,800.00	1.69	28.11	1,799.85	19.11	6.09	19.00	0.23
1,900.00	1.93	22.22	1,899.80	21.97	7.42	22.09	0.30
2,000.00	1.93	19.37	1,999.75	25.12	8.62	25.34	0.10
2,100.00	2.22	14.40	2,099.68	28.58	9.66	28.74	0.34
2,200.00	2.34	10.71	2,199.60	32.46	10.52	32.38	0.19
2,300.00	2.31	2.00	2,299.52	36.48	10.97	35.88	0.35
2,400.00	2.29	356.71	2,399.44	40.49	10.93	39.08	0.21
2,500.00	2.08	350.21	2,499.37	44.27	10.50	41.88	0.32
2,600.00	1.90	338.71	2,599.31	47.61	9.59	44.02	0.44
2,700.00	2.06	331.68	2,699.25	50.73	8.14	45.68	0.29
2,800.00	2.57	326.16	2,799.17	54.18	6.04	47.21	0.56
2,900.00	2.95	322.22	2,899.05	58.07	3.21	48.67	0.42
2,940.00	3.16	321.65	2,938.99	59.75	1.90	49.24	0.53
Tie-On to Gyrodata Gyro Survey							
3,025.00	3.54	334.54	3,023.85	63.96	-0.68	51.10	0.99
First Sperry MWD Survey							
3,117.00	4.07	321.71	3,115.65	69.09	-3.93	53.30	1.09
3,210.00	4.73	324.53	3,208.37	74.80	-8.20	55.37	0.75
3,302.00	5.27	329.01	3,300.02	81.51	-12.57	58.18	0.72
3,334.00	5.33	327.14	3,331.89	84.02	-14.14	59.27	0.57
3,364.00	4.71	323.90	3,361.77	86.18	-15.62	60.14	2.27
3,394.00	4.85	329.52	3,391.67	88.27	-16.99	61.01	1.63
3,426.00	3.92	327.45	3,423.57	90.36	-18.26	61.93	2.95
3,457.00	3.29	334.02	3,454.51	92.05	-19.22	62.73	2.43
3,488.00	2.40	332.41	3,485.47	93.43	-19.91	63.43	2.88
3,520.00	2.15	330.14	3,517.45	94.54	-20.52	63.96	0.83
3,552.00	1.84	335.50	3,549.43	95.53	-21.03	64.45	1.13
3,583.00	0.88	327.27	3,580.42	96.18	-21.37	64.78	3.15
3,614.00	1.12	329.66	3,611.41	96.65	-21.65	64.99	0.79
3,644.00	1.58	321.74	3,641.41	97.22	-22.06	65.21	1.65
3,676.00	2.52	314.62	3,673.39	98.06	-22.83	65.43	3.04
3,706.00	3.13	318.50	3,703.35	99.14	-23.84	65.70	2.13
3,736.00	3.91	324.85	3,733.29	100.59	-24.97	66.19	2.90
3,768.00	4.35	327.58	3,765.21	102.51	-26.25	66.98	1.51
3,798.00	5.76	342.19	3,795.09	104.90	-27.32	68.27	6.33

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
3,827.00	7.13	347.80	3,823.91	108.05	-28.15	70.31	5.19
3,857.00	8.40	352.06	3,853.63	112.04	-28.84	73.12	4.64
3,888.00	8.53	355.20	3,884.30	116.57	-29.35	76.47	1.55
3,918.00	8.28	355.87	3,913.97	120.94	-29.69	79.78	0.89
3,950.00	7.81	356.59	3,945.66	125.41	-29.99	83.21	1.50
3,980.00	7.56	357.45	3,975.39	129.42	-30.20	86.31	0.92
4,011.00	7.26	358.57	4,006.13	133.41	-30.34	89.44	1.07
4,041.00	7.11	0.93	4,035.89	137.16	-30.35	92.45	1.10
4,072.00	6.38	0.31	4,066.68	140.80	-30.31	95.41	2.37
4,103.00	5.93	2.89	4,097.50	144.12	-30.22	98.14	1.70
4,129.00	5.41	3.02	4,123.37	146.69	-30.09	100.28	2.00
4,161.00	4.87	9.63	4,155.25	149.54	-29.78	102.76	2.50
4,191.00	4.22	19.29	4,185.15	151.83	-29.21	104.95	3.34
4,223.00	3.66	31.13	4,217.08	153.82	-28.29	107.09	3.08
4,255.00	3.45	45.03	4,249.02	155.37	-27.08	109.06	2.76
4,290.00	3.64	63.87	4,283.95	156.61	-25.34	111.09	3.36
4,320.00	3.88	81.02	4,313.89	157.18	-23.48	112.65	3.82
4,351.00	4.05	89.01	4,344.81	157.37	-21.35	114.06	1.86
4,382.00	3.70	91.57	4,375.74	157.36	-19.25	115.30	1.26
4,413.00	2.20	97.59	4,406.70	157.25	-17.66	116.16	4.93
4,426.00	1.45	87.49	4,419.69	157.23	-17.25	116.38	6.26
4,507.00	0.34	313.85	4,500.68	157.44	-16.40	117.05	2.10
4,537.00	0.49	298.70	4,530.68	157.56	-16.58	117.05	0.62
4,567.00	0.75	306.18	4,560.68	157.74	-16.85	117.03	0.91
4,599.00	0.75	291.93	4,592.68	157.94	-17.21	116.98	0.58
4,629.00	0.77	249.59	4,622.68	157.94	-17.58	116.76	1.83
4,660.00	1.14	222.90	4,653.67	157.65	-17.99	116.28	1.84
4,690.00	1.59	227.48	4,683.66	157.15	-18.50	115.57	1.54
4,721.00	1.49	217.32	4,714.65	156.53	-19.06	114.75	0.94
4,752.00	1.28	222.56	4,745.64	155.96	-19.54	114.00	0.79
4,783.00	0.58	194.50	4,776.64	155.55	-19.81	113.51	2.63
4,814.00	0.53	164.43	4,807.64	155.26	-19.81	113.28	0.94
4,845.00	0.44	155.88	4,838.64	155.02	-19.73	113.13	0.37
4,876.00	0.73	126.28	4,869.64	154.79	-19.52	113.07	1.32
4,908.00	0.68	132.66	4,901.63	154.54	-19.21	113.05	0.29
4,939.00	0.76	145.75	4,932.63	154.25	-18.96	112.96	0.59
4,971.00	0.65	155.66	4,964.63	153.91	-18.77	112.81	0.51
5,001.00	0.81	152.76	4,994.63	153.56	-18.60	112.63	0.55
5,032.00	0.64	173.14	5,025.62	153.19	-18.48	112.40	0.99
5,062.00	0.90	180.40	5,055.62	152.79	-18.46	112.09	0.92
5,093.00	1.23	172.38	5,086.62	152.22	-18.42	111.65	1.17
5,123.00	1.92	170.55	5,116.60	151.40	-18.29	111.07	2.31
5,154.00	2.23	176.56	5,147.58	150.29	-18.17	110.25	1.22
5,184.00	2.48	174.28	5,177.56	149.06	-18.07	109.32	0.89
5,214.00	2.53	175.99	5,207.53	147.76	-17.96	108.33	0.30
5,245.00	2.71	179.39	5,238.50	146.34	-17.91	107.22	0.77
5,275.00	2.69	175.38	5,268.46	144.93	-17.84	106.13	0.63
5,306.00	2.81	180.78	5,299.43	143.44	-17.79	104.96	0.92
5,336.00	2.92	184.67	5,329.39	141.95	-17.87	103.71	0.74
5,368.00	2.90	181.50	5,361.35	140.33	-17.95	102.35	0.51

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
5,398.00	2.59	178.36	5,391.32	138.89	-17.95	101.20	1.15
5,428.00	2.83	178.19	5,421.28	137.47	-17.91	100.08	0.80
5,459.00	2.91	183.23	5,452.24	135.92	-17.93	98.82	0.85
5,489.00	3.15	178.68	5,482.20	134.34	-17.96	97.53	1.13
5,521.00	3.33	174.24	5,514.15	132.53	-17.84	96.14	0.96
5,551.00	3.39	171.46	5,544.10	130.79	-17.62	94.87	0.58
5,582.00	3.13	163.18	5,575.05	129.07	-17.24	93.71	1.73
5,612.00	3.06	156.81	5,605.00	127.55	-16.69	92.82	1.17
5,643.00	2.90	150.00	5,635.96	126.11	-15.97	92.08	1.25
5,674.00	2.70	144.54	5,666.93	124.84	-15.16	91.54	1.07
5,705.00	2.80	136.73	5,697.89	123.69	-14.21	91.18	1.25
5,737.00	2.65	122.90	5,729.85	122.72	-13.06	91.08	2.10
5,767.00	2.50	121.51	5,759.82	122.00	-11.92	91.18	0.54
5,798.00	1.91	116.91	5,790.80	121.42	-10.88	91.32	1.99
5,828.00	1.87	116.31	5,820.78	120.97	-10.00	91.49	0.15
5,859.00	1.94	114.88	5,851.77	120.53	-9.07	91.68	0.27
5,889.00	1.96	116.72	5,881.75	120.08	-8.15	91.87	0.22
5,921.00	1.95	113.13	5,913.73	119.62	-7.16	92.08	0.38
5,951.00	2.03	120.90	5,943.71	119.15	-6.23	92.25	0.94
5,983.00	2.20	119.66	5,975.69	118.56	-5.21	92.38	0.55
6,014.00	2.52	124.63	6,006.67	117.87	-4.13	92.47	1.22
6,045.00	2.33	138.17	6,037.64	117.02	-3.15	92.36	1.94
6,075.00	1.91	154.70	6,067.62	116.11	-2.53	92.00	2.46
6,107.00	1.91	162.89	6,099.60	115.12	-2.15	91.43	0.85
6,137.00	2.22	158.71	6,129.58	114.10	-1.79	90.82	1.15
6,169.00	2.44	163.27	6,161.55	112.87	-1.37	90.08	0.90
6,199.00	2.05	165.39	6,191.53	111.74	-1.05	89.36	1.33
6,229.00	1.05	151.56	6,221.52	110.98	-0.78	88.90	3.54
6,261.00	0.70	107.34	6,253.52	110.66	-0.46	88.84	2.29
6,291.00	0.81	50.25	6,283.51	110.74	-0.12	89.11	2.43
6,322.00	0.85	43.22	6,314.51	111.05	0.21	89.55	0.35
6,352.00	0.77	44.68	6,344.51	111.36	0.50	89.97	0.28
6,384.00	0.81	43.50	6,376.50	111.67	0.81	90.41	0.13
6,415.00	0.96	34.72	6,407.50	112.05	1.11	90.88	0.65
6,446.00	0.75	36.25	6,438.50	112.42	1.37	91.34	0.68
6,476.00	0.43	19.55	6,468.50	112.69	1.53	91.65	1.20
6,507.00	0.09	42.68	6,499.50	112.81	1.58	91.78	1.13
6,538.00	0.19	43.04	6,530.50	112.87	1.64	91.86	0.32
6,569.00	0.07	300.10	6,561.50	112.92	1.65	91.91	0.70
6,599.00	0.12	149.27	6,591.50	112.90	1.65	91.89	0.61
6,630.00	0.13	177.19	6,622.50	112.84	1.67	91.85	0.20
6,660.00	0.22	97.95	6,652.50	112.79	1.73	91.86	0.78
6,691.00	0.29	190.69	6,683.49	112.71	1.78	91.81	1.20
6,721.00	0.33	142.55	6,713.49	112.57	1.81	91.72	0.85
6,752.00	0.37	164.36	6,744.49	112.40	1.90	91.63	0.45
6,783.00	0.37	164.98	6,775.49	112.21	1.95	91.51	0.01
6,815.00	0.48	162.11	6,807.49	111.98	2.02	91.37	0.35
6,847.00	0.69	174.48	6,839.49	111.66	2.08	91.15	0.76
6,877.00	0.68	169.55	6,869.49	111.30	2.13	90.89	0.20
6,907.00	0.93	165.26	6,899.49	110.89	2.22	90.61	0.86

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
6,938.00	0.96	166.39	6,930.48	110.40	2.34	90.29	0.11
6,969.00	0.95	158.05	6,961.48	109.91	2.50	89.99	0.45
7,000.00	1.08	167.81	6,992.47	109.38	2.66	89.66	0.70
7,031.00	1.28	168.77	7,023.47	108.76	2.79	89.23	0.65
7,063.00	1.23	170.50	7,055.46	108.07	2.92	88.75	0.20
7,093.00	1.35	166.58	7,085.45	107.41	3.05	88.30	0.50
7,125.00	1.32	167.18	7,117.44	106.68	3.22	87.82	0.10
7,156.00	1.24	162.96	7,148.43	106.01	3.40	87.38	0.40
7,187.00	1.27	157.41	7,179.43	105.37	3.63	87.00	0.40
7,218.00	1.12	164.45	7,210.42	104.77	3.84	86.64	0.68
7,249.00	1.45	165.56	7,241.41	104.09	4.02	86.21	1.07
7,279.00	1.32	153.58	7,271.40	103.42	4.27	85.81	1.06
7,310.00	1.53	157.67	7,302.39	102.71	4.58	85.43	0.75
7,340.00	1.48	156.21	7,332.38	101.99	4.89	85.03	0.21
7,372.00	1.49	150.93	7,364.37	101.25	5.26	84.65	0.43
7,402.00	1.76	158.68	7,394.36	100.48	5.62	84.24	1.16
7,432.00	1.72	147.94	7,424.35	99.67	6.02	83.83	1.09
7,464.00	1.92	149.95	7,456.33	98.80	6.55	83.44	0.66
7,494.00	2.26	161.67	7,486.31	97.80	6.99	82.90	1.81
7,525.00	2.27	168.33	7,517.29	96.62	7.30	82.13	0.85
7,555.00	2.22	171.89	7,547.26	95.46	7.50	81.32	0.49
7,585.00	1.64	156.35	7,577.25	94.49	7.76	80.69	2.59
7,616.00	1.34	146.10	7,608.24	93.78	8.14	80.35	1.29
7,647.00	1.55	158.12	7,639.23	93.09	8.50	80.00	1.19
7,679.00	1.48	163.23	7,671.22	92.30	8.78	79.53	0.48
7,711.00	1.70	176.78	7,703.20	91.43	8.92	78.91	1.36
7,741.00	2.00	178.04	7,733.19	90.46	8.97	78.16	1.01
7,772.00	1.91	179.97	7,764.17	89.40	8.99	77.32	0.36
7,802.00	2.08	190.03	7,794.15	88.37	8.89	76.43	1.30
7,833.00	2.11	184.49	7,825.13	87.24	8.75	75.44	0.66
7,863.00	2.35	186.50	7,855.11	86.08	8.64	74.44	0.84
7,895.00	2.35	183.25	7,887.08	84.78	8.52	73.32	0.42
7,925.00	2.52	181.95	7,917.05	83.50	8.47	72.26	0.60
7,955.00	2.25	181.78	7,947.03	82.25	8.43	71.23	0.90
7,986.00	1.90	180.90	7,978.01	81.13	8.40	70.31	1.13
8,016.00	1.80	177.37	8,007.99	80.16	8.41	69.54	0.51
8,046.00	2.12	179.64	8,037.97	79.14	8.44	68.73	1.10
8,077.00	2.03	180.79	8,068.95	78.02	8.43	67.82	0.32
8,107.00	2.04	177.56	8,098.93	76.95	8.45	66.98	0.38
8,137.00	2.49	178.53	8,128.91	75.77	8.49	66.05	1.51
8,168.00	2.32	174.57	8,159.88	74.47	8.57	65.05	0.77
8,200.00	2.49	172.39	8,191.86	73.14	8.72	64.06	0.60
8,232.00	2.62	171.98	8,223.82	71.72	8.91	63.04	0.41
8,262.00	2.80	171.37	8,253.79	70.32	9.12	62.03	0.61
8,294.00	2.34	181.08	8,285.76	68.89	9.22	60.95	1.97
8,324.00	2.19	180.94	8,315.73	67.71	9.20	59.98	0.50
8,356.00	2.24	192.34	8,347.71	66.49	9.06	58.91	1.38
8,386.00	1.93	190.60	8,377.69	65.42	8.84	57.92	1.05
8,416.00	2.01	183.64	8,407.67	64.39	8.71	57.02	0.84
8,447.00	1.93	185.98	8,438.66	63.33	8.63	56.11	0.37

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
8,477.00	1.88	179.28	8,468.64	62.34	8.58	55.29	0.76
8,509.00	1.83	179.39	8,500.62	61.30	8.59	54.46	0.16
8,539.00	2.18	181.10	8,530.60	60.25	8.58	53.61	1.18
8,570.00	2.29	176.07	8,561.58	59.05	8.62	52.66	0.73
8,601.00	2.27	181.50	8,592.56	57.81	8.64	51.68	0.70
8,632.00	2.31	181.85	8,623.53	56.58	8.61	50.66	0.14
8,663.00	1.95	186.19	8,654.51	55.43	8.53	49.69	1.27
8,695.00	1.95	187.44	8,686.49	54.35	8.40	48.74	0.13
8,725.00	1.91	182.31	8,716.47	53.34	8.31	47.88	0.59
8,757.00	1.90	183.17	8,748.46	52.28	8.26	47.00	0.09
8,789.00	1.81	174.30	8,780.44	51.25	8.28	46.18	0.94
8,819.00	1.92	179.45	8,810.42	50.27	8.34	45.42	0.67
8,851.00	2.06	176.97	8,842.40	49.16	8.37	44.55	0.51
8,882.00	2.17	176.15	8,873.38	48.02	8.44	43.67	0.37
8,913.00	2.31	177.35	8,904.36	46.81	8.51	42.74	0.48
8,943.00	2.16	173.58	8,934.34	45.64	8.60	41.85	0.70
8,973.00	2.37	175.09	8,964.31	44.46	8.72	40.97	0.73
9,004.00	2.26	175.33	8,995.29	43.22	8.82	40.03	0.36
9,034.00	2.16	179.10	9,025.27	42.06	8.88	39.13	0.59
9,065.00	1.85	186.01	9,056.25	40.98	8.83	38.24	1.27
9,095.00	1.72	186.98	9,086.23	40.05	8.73	37.43	0.44
9,125.00	1.67	188.55	9,116.22	39.17	8.61	36.65	0.23
9,157.00	1.72	191.85	9,148.20	38.24	8.44	35.80	0.34
9,187.00	1.81	191.33	9,178.19	37.34	8.26	34.96	0.30
9,218.00	1.86	189.05	9,209.17	36.36	8.08	34.07	0.29
9,248.00	1.94	186.64	9,239.16	35.37	7.95	33.20	0.38
9,280.00	2.06	184.19	9,271.14	34.26	7.84	32.24	0.46
9,310.00	2.17	182.07	9,301.12	33.16	7.78	31.31	0.45
9,342.00	2.18	182.39	9,333.10	31.94	7.73	30.31	0.05
9,372.00	2.11	185.18	9,363.07	30.82	7.66	29.36	0.42
9,403.00	2.01	185.62	9,394.05	29.71	7.55	28.41	0.33
9,434.00	1.97	184.68	9,425.04	28.64	7.46	27.49	0.17
9,466.00	1.82	188.28	9,457.02	27.59	7.34	26.57	0.60
9,498.00	1.88	189.19	9,489.00	26.57	7.18	25.65	0.21
9,528.00	1.84	193.02	9,518.99	25.61	7.00	24.77	0.44
9,558.00	1.96	193.30	9,548.97	24.65	6.77	23.86	0.40
9,590.00	2.10	199.39	9,580.95	23.56	6.45	22.80	0.80
9,620.00	2.17	198.34	9,610.93	22.50	6.09	21.73	0.27
9,651.00	2.17	193.53	9,641.91	21.37	5.77	20.63	0.59
9,682.00	1.89	194.20	9,672.89	20.31	5.50	19.62	0.91
9,713.00	1.96	192.35	9,703.87	19.30	5.26	18.66	0.30
9,743.00	1.87	191.29	9,733.85	18.31	5.06	17.75	0.32
9,774.00	1.85	189.89	9,764.84	17.33	4.87	16.84	0.16
9,805.00	1.92	186.17	9,795.82	16.32	4.73	15.94	0.45
9,836.00	1.72	182.30	9,826.80	15.33	4.66	15.11	0.76
9,867.00	1.73	177.62	9,857.79	14.40	4.66	14.36	0.46
9,898.00	1.56	171.32	9,888.78	13.52	4.74	13.70	0.80
9,928.00	1.64	160.78	9,918.76	12.71	4.94	13.17	1.01
9,960.00	1.56	156.17	9,950.75	11.88	5.27	12.69	0.47
9,990.00	1.73	147.99	9,980.74	11.12	5.68	12.32	0.96

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
10,021.00	1.68	138.14	10,011.73	10.38	6.23	12.05	0.96
10,052.00	1.85	132.32	10,042.71	9.71	6.90	11.91	0.80
10,083.00	1.81	123.65	10,073.70	9.10	7.68	11.88	0.90
10,113.00	2.03	121.02	10,103.68	8.57	8.53	11.95	0.79
10,145.00	2.20	115.77	10,135.66	8.01	9.57	12.12	0.80
10,168.00	2.53	116.00	10,158.64	7.59	10.42	12.29	1.44
10,199.00	2.23	101.59	10,189.61	7.17	11.63	12.67	2.15
10,230.00	2.84	101.15	10,220.58	6.90	12.97	13.25	1.97
10,261.00	2.68	98.77	10,251.54	6.64	14.44	13.91	0.63
10,291.00	1.72	128.13	10,281.52	6.26	15.49	14.22	4.84
10,322.00	1.87	120.28	10,312.51	5.71	16.29	14.26	0.93
10,353.00	0.92	154.89	10,343.50	5.23	16.83	14.20	3.97
10,385.00	0.41	187.17	10,375.50	4.89	16.93	13.97	1.92
10,416.00	0.98	168.08	10,406.49	4.52	16.97	13.70	1.96
10,447.00	0.68	168.83	10,437.49	4.08	17.06	13.40	0.97
10,508.00	1.11	145.65	10,498.48	3.24	17.46	12.96	0.91
10,569.00	1.11	134.80	10,559.47	2.33	18.21	12.68	0.34
10,599.00	1.29	137.71	10,589.47	1.88	18.65	12.57	0.63
10,629.00	1.01	128.41	10,619.46	1.46	19.08	12.49	1.12
10,690.00	0.15	71.69	10,680.46	1.15	19.58	12.54	1.53
10,751.00	0.42	111.37	10,741.46	1.10	19.86	12.66	0.52
10,813.00	0.33	150.35	10,803.45	0.86	20.16	12.65	0.43
10,874.00	0.50	134.80	10,864.45	0.52	20.44	12.54	0.33
10,936.00	0.91	70.85	10,926.45	0.49	21.10	12.90	1.33
10,997.00	1.68	55.17	10,987.43	1.16	22.29	14.15	1.38
11,028.00	1.38	64.32	11,018.42	1.58	23.00	14.91	1.25
11,059.00	2.05	48.76	11,049.41	2.11	23.75	15.78	2.61
11,090.00	1.59	60.61	11,080.39	2.68	24.54	16.71	1.91
11,120.00	1.31	82.25	11,110.38	2.94	25.25	17.33	2.03
11,152.00	2.07	61.31	11,142.37	3.26	26.11	18.11	3.02
11,182.00	2.19	68.27	11,172.35	3.73	27.12	19.09	0.95
11,213.00	2.43	67.47	11,203.32	4.21	28.28	20.15	0.78
11,244.00	2.34	75.88	11,234.30	4.61	29.50	21.21	1.16
11,275.00	2.01	74.93	11,265.27	4.91	30.64	22.12	1.07
11,305.00	2.01	80.74	11,295.26	5.13	31.67	22.91	0.68
11,337.00	1.59	82.11	11,327.24	5.28	32.66	23.62	1.32
11,368.00	1.29	69.48	11,358.23	5.46	33.41	24.21	1.40
11,398.00	1.65	60.59	11,388.22	5.79	34.11	24.89	1.42
11,429.00	1.86	65.83	11,419.21	6.22	34.95	25.73	0.85
11,459.00	1.68	61.20	11,449.19	6.63	35.78	26.55	0.77
11,489.00	1.98	50.59	11,479.18	7.17	36.57	27.46	1.50
11,520.00	1.98	64.40	11,510.16	7.74	37.47	28.45	1.54
11,550.00	1.66	78.12	11,540.14	8.05	38.36	29.23	1.79
11,581.00	1.36	68.41	11,571.13	8.28	39.14	29.88	1.27
11,613.00	1.53	79.11	11,603.12	8.50	39.91	30.51	0.99
11,643.00	1.57	79.40	11,633.11	8.65	40.71	31.11	0.14
11,673.00	1.97	80.43	11,663.10	8.81	41.62	31.78	1.34
11,705.00	1.97	82.13	11,695.08	8.98	42.71	32.56	0.18
11,737.00	1.58	85.87	11,727.06	9.09	43.69	33.23	1.27
11,769.00	1.50	78.07	11,759.05	9.21	44.54	33.82	0.70

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
11,800.00	0.88	87.55	11,790.04	9.30	45.18	34.28	2.09
11,819.00	0.16	83.93	11,809.04	9.31	45.35	34.39	3.79
11,831.00	0.39	246.43	11,821.04	9.30	45.33	34.36	4.54
11,847.00	1.05	251.79	11,837.04	9.23	45.14	34.20	4.14
11,863.00	1.88	248.64	11,853.04	9.09	44.76	33.85	5.21
11,895.00	1.38	260.22	11,885.02	8.83	43.89	33.13	1.86
11,927.00	2.14	278.77	11,917.01	8.86	42.92	32.58	2.94
11,959.00	2.43	272.49	11,948.98	8.98	41.65	31.92	1.20
11,989.00	2.55	268.48	11,978.95	8.99	40.35	31.16	0.70
12,022.00	2.37	272.90	12,011.92	9.00	38.93	30.33	0.79
12,054.00	2.41	273.42	12,043.90	9.07	37.60	29.60	0.14
12,086.00	2.13	275.26	12,075.87	9.17	36.34	28.93	0.90
12,118.00	1.73	271.17	12,107.85	9.23	35.26	28.34	1.32
12,150.00	1.87	267.22	12,139.84	9.22	34.26	27.73	0.58
12,182.00	1.99	282.15	12,171.82	9.31	33.19	27.18	1.61
12,214.00	2.31	279.31	12,203.80	9.53	32.01	26.66	1.05
12,246.00	2.37	281.55	12,235.77	9.77	30.73	26.08	0.34
12,277.00	1.80	293.36	12,266.75	10.09	29.65	25.71	2.29
12,309.00	2.55	286.08	12,298.73	10.49	28.51	25.35	2.49
12,341.00	2.50	283.18	12,330.69	10.84	27.14	24.82	0.43
12,373.00	2.46	289.58	12,362.66	11.23	25.82	24.35	0.87
12,405.00	3.01	284.26	12,394.63	11.67	24.36	23.84	1.89
12,437.00	2.73	282.44	12,426.59	12.04	22.80	23.21	0.92
12,469.00	2.88	284.79	12,458.55	12.41	21.28	22.61	0.59
12,488.00	3.06	284.19	12,477.52	12.66	20.32	22.24	0.96
12,520.00	2.98	284.62	12,509.48	13.07	18.69	21.61	0.26
12,551.00	3.00	286.89	12,540.44	13.51	17.13	21.04	0.39
12,583.00	2.98	285.93	12,572.39	13.99	15.53	20.47	0.17
12,604.00	2.97	285.51	12,593.37	14.28	14.48	20.09	0.11
Final Sperry MWD Survey							
12,670.00	2.97	285.51	12,659.28	15.19	11.19	18.87	0.00
Survey Projection to TD of Sperry Directional Work							

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
200.00	200.00	0.63	-0.20	Surveys from 200.00ft to 2940.00ft are Gyrodata Gyro Surveys
2,940.00	2,938.99	59.75	1.90	Tie-On to Gyrodata Gyro Survey
3,025.00	3,023.85	63.96	-0.68	First Sperry MWD Survey
12,604.00	12,593.37	14.28	14.48	Final Sperry MWD Survey
12,670.00	12,659.28	15.19	11.19	Survey Projection to TD of Sperry Directional Work

Vertical Section Information

	Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/_S (ft)	Origin +E/-W (ft)	Start TVD (ft)
TD		No Target (Freehand)	36.36	Slot	0.00	0.00	0.00

Design Report for Ron Lamb 31A-4-1 - Plan #1 - Gyrodata Gyro and Sperry MWD Survey

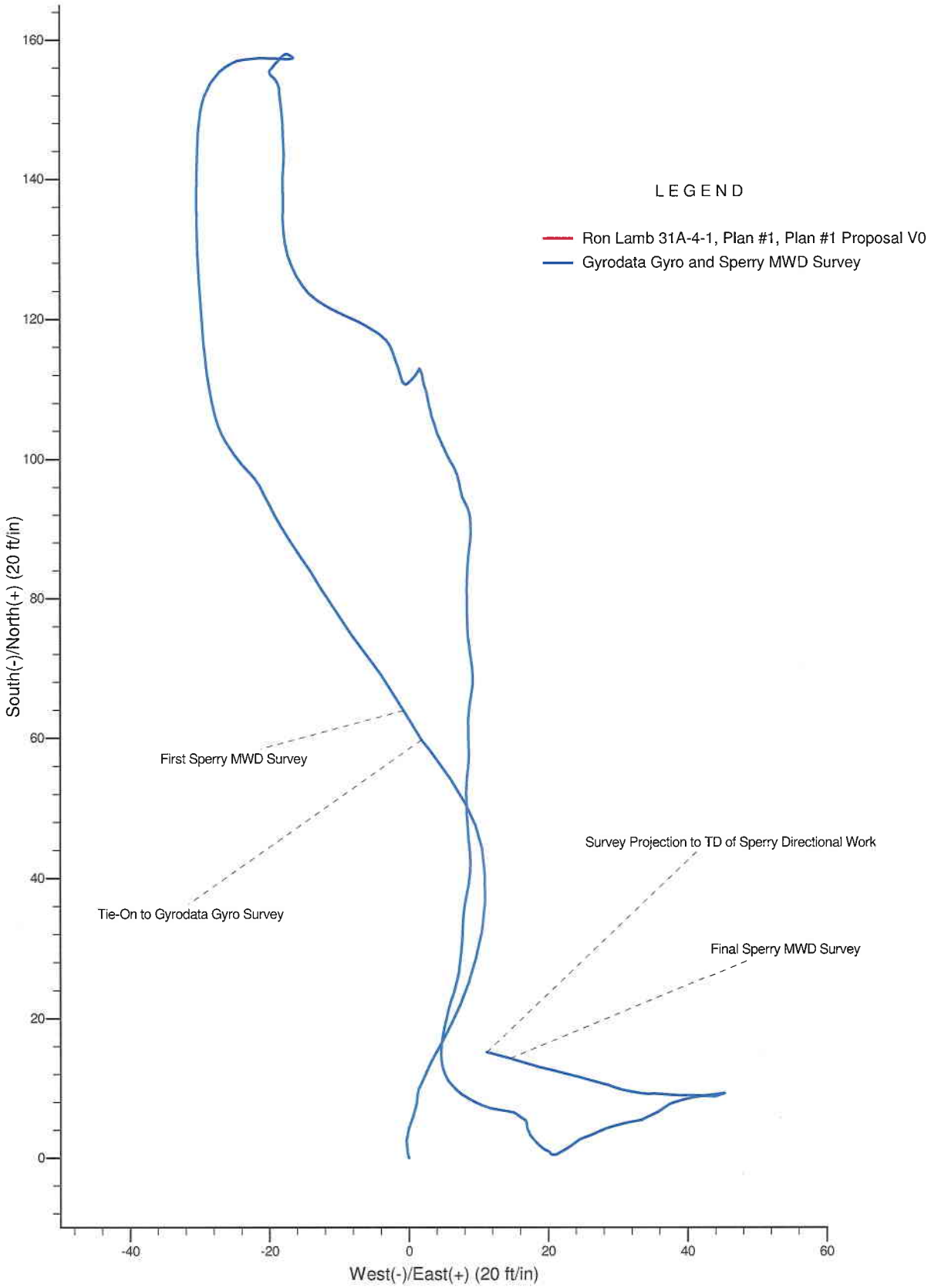
Survey tool program

From (ft)	To (ft)	Survey/Plan	Survey Tool
200.00	2,940.00	Gyrodata Gyro Surveys	NS-GYRO-MS
3,025.00	12,670.00	Sperry MWD Surveys	MWD

Project: Sanpete County, UT
Site: Sec. 31-T15S-R3E
Well: Ron Lamb 31A-4-1
Wellbore: Plan #1

Petro-Hunt, LLC

HALLIBURTON



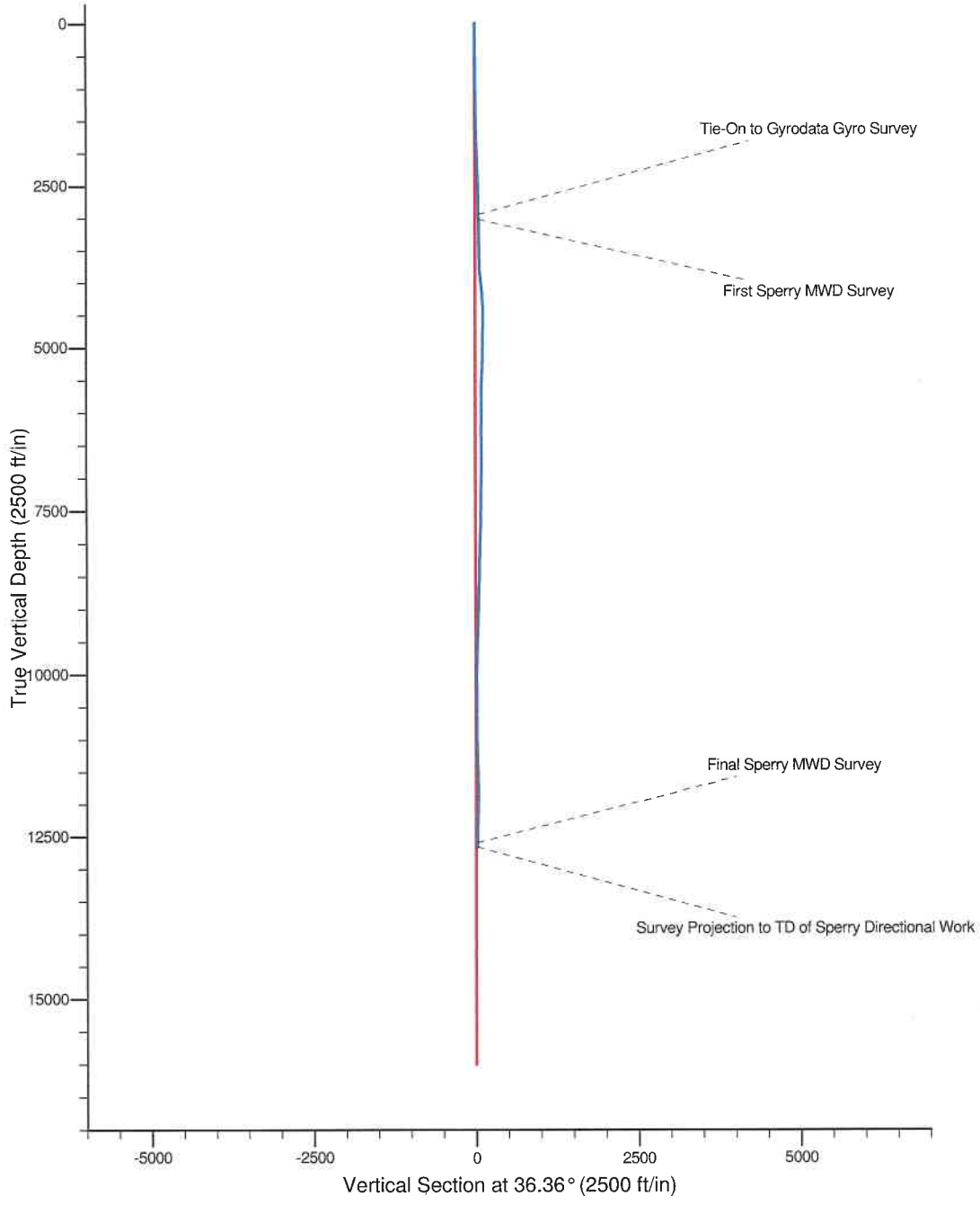
Project: Sanpete County, UT
Site: Sec. 31-T15S-R3E
Well: Ron Lamb 31A-4-1

Petro-Hunt, LLC

HALLIBURTON

LEGEND

Ron Lamb 31A-4-1, Plan #1, Plan #1 Proposal V0
Gyrodata Gyro and Sperry MWD Survey



gyro/data

SURVEY REPORT

Petro Hunt, LLC.
Ron Lamb #31A-4-1
Unit #109
Sanpete County, Utah
RM1208GW957

December 31, 2008

Gyrodata Incorporated
301 Thelma Dr. #433
Casper, Wyoming 82609

307/234-7241
Fax: 307/234-6309

SURVEY REPORT

Petro Hunt, LLC.
Ron Lamb #31A-4-1
Unit #109
Sanpete County, Utah
RM1208GW957

December 31, 2008

gyro|data

Gyrodata Incorporated
301 Thelma Dr. #433
Casper, Wyoming 82609

307/234-7241
Fax: 307/234-6309

December 31, 2008

Petro Hunt, LLC.
258 119th Ave. SW
Killdeer, ND 85640

Re: **Ron Lamb #31A-4-1**
Sanpete County, Utah

Enclosed, please find one (1) original and one (1) disk of the completed survey for the above referenced well.

We would like to take this opportunity to thank you for using Gyrodata, and we look forward to serving you in the future.

Sincerely,

Joel Sulzen
Operations Manager

JS:mg

A Gyrodata Directional Survey

for

PETRO HUNT, LLC.

Lease: Ron Lamb Well: 31A-4-1, 4" Drillpipe

Location: Unit #109, Sanpete County, Utah

Job Number: RM1208GW957

Run Date: 12/30/2008 8:28:37 AM

Surveyor: Matt Le Bas

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 39.470900 deg. N Longitude: 111.623050 deg. W

Azimuth Correction:
Gyro: Bearings are Relative to True North

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

A Gyrodata Directional Survey

Petro Hunt, LLC.
Lease: Ron Lamb Well: 31A-4-1, 4" Drillpipe
Location: Unit #109, Sanpete County, Utah
Job Number: RM1208GW957

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. feet	CLOSURE AZIMUTH deg.	HORIZONTAL COORDINATES feet	
0.00	0.00	0.00	N 0 0 E	0.00	0.00	0.0	0.0	0.00 N	0.00 E
0 - 2940 FT RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 3-1/2" DRILLPIPE ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO UNIT #109 R.K.B. 30 FT DEPTHS AS PER COMPANY MAN									
200.00	0.38	342.58	N 17 25 W	0.19	200.00	0.7	342.6	0.64 N	0.20 W
400.00	0.67	3.33	N 3 20 E	0.17	399.99	2.5	352.3	2.45 N	0.33 W
600.00	0.44	22.04	N 22 3 E	0.15	599.98	4.3	0.3	4.33 N	0.02 E
800.00	0.56	18.12	N 18 7 E	0.06	799.97	6.0	5.9	5.96 N	0.61 E
1000.00	0.61	12.97	N 12 58 E	0.04	999.96	8.0	8.3	7.92 N	1.15 E
1100.00	0.52	350.94	N 9 4 W	0.24	1099.96	9.0	7.7	8.89 N	1.20 E
1200.00	0.73	26.61	N 26 37 E	0.43	1199.95	10.0	8.1	9.91 N	1.42 E
1300.00	0.76	26.00	N 26 0 E	0.03	1299.94	11.3	10.2	11.08 N	1.99 E
1400.00	0.60	22.14	N 22 9 E	0.17	1399.94	12.4	11.5	12.16 N	2.48 E
1500.00	0.96	24.34	N 24 21 E	0.36	1499.93	13.7	12.7	13.41 N	3.02 E
1600.00	0.93	31.25	N 31 15 E	0.12	1599.91	15.3	14.3	14.86 N	3.79 E
1700.00	1.46	27.60	N 27 36 E	0.54	1699.89	17.4	16.0	16.68 N	4.80 E
1800.00	1.69	28.11	N 28 6 E	0.23	1799.85	20.0	17.7	19.10 N	6.08 E
1900.00	1.93	22.22	N 22 13 E	0.31	1899.80	23.2	18.6	21.96 N	7.41 E
2000.00	1.93	19.37	N 19 22 E	0.10	1999.75	26.5	18.9	25.11 N	8.61 E
2100.00	2.22	14.40	N 14 24 E	0.34	2099.68	30.2	18.7	28.58 N	9.65 E
2200.00	2.34	10.71	N 10 42 E	0.19	2199.60	34.1	17.9	32.46 N	10.51 E
2300.00	2.31	2.00	N 2 0 E	0.35	2299.52	38.1	16.7	36.48 N	10.96 E
2400.00	2.29	356.71	N 3 17 W	0.21	2399.44	41.9	15.1	40.49 N	10.91 E

A Gyrodata Directional Survey

Petro Hunt, LLC.
Lease: Ron Lamb Well: 31A-4-1, 4" Drillpipe
Location: Unit #109, Sanpete County, Utah
Job Number: RM1208GW957

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. feet	CLOSURE AZIMUTH deg.	HORIZONTAL COORDINATES feet	
2500.00	2.08	350.21	N 9 47 W	0.32	2499.37	45.5	13.3	44.26 N	10.49 E
2600.00	1.90	338.71	N 21 18 W	0.44	2599.31	48.5	11.4	47.59 N	9.58 E
2700.00	2.06	331.68	N 28 19 W	0.29	2699.25	51.4	9.1	50.72 N	8.13 E
2800.00	2.57	326.16	N 33 50 W	0.55	2799.17	54.5	6.3	54.16 N	6.03 E
2900.00	2.95	322.22	N 37 47 W	0.43	2899.05	58.1	3.2	58.06 N	3.20 E
2940.00	3.16	321.65	N 38 21 W	0.52	2938.99	59.8	1.8	59.74 N	1.89 E

Final Station Closure: Distance: 59.77 ft Az: 1.81 deg.

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

March 16, 2011

CERTIFIED MAIL NO.: 7005 1820 0001 5562 7883

Mr. Cary Vice
Petro-Hunt, LLC
1601 Elm Street, Suite 3400
Dallas, TX 75201

43 039 30034
Ron Lamb 31A-4-1
15S 3E 31

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Vice:

As of January 2011, Petro-Hunt, LLC (Petro) has two (2) Fee Lease Wells (see Attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. One of the above listed wells (Attachment A) is past due on approved SI/TA extension, which ended September 1, 2009. Petro has not submitted necessary data with good reason for further extension on said well. Please submit the necessary data as outlined below to bring wells into compliance.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,

Dustin K. Doucet
Petroleum Engineer

DKD/JP/js
Enclosure
cc: Compliance File
Well File

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
	1ST NOTICE			
1	RON LAMB 31A-4-1	43-039-30034	FEE	1 Year 11 Months
	PAST DUE SI/TA EXTENSION as of 9/1/2009			
2	VHCF 35A-3-1	43-039-30033	FEE	3 Years 10 Months

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:	PATENTED
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	N/A
7. UNIT or CA AGREEMENT NAME:	N/A
1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER SI / TA WELL	8. WELL NAME and NUMBER: RON LAMB 31A-4-1
2. NAME OF OPERATOR: PETRO-HUNT, L. L. C.	9. API NUMBER: 4303930034
3. ADDRESS OF OPERATOR: 258 119TH AVENUE SW CITY KILLDEER STATE ND ZIP 58640	PHONE NUMBER: (701) 863-6622
	10. FIELD AND POOL, OR WILDCAT: WILDCAT

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1569' FNL & 1154' FEL — COUNTY: SANPETE

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 31 15S 03E S — STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 5/15/2011	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☑ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE SUBJECT WELL WAS TEMPORARILY ABANDONED ACCORDING TO APPROVED PROCEDURES ON 02/25/2009. OUR TEMPORARY ABANDONMENT PROCEDURE HAS INSURED THAT THERE IS NO RISK TO PUBLIC HEALTH AND SAFETY OR THE ENVIRONMENT. PETRO-HUNT, L. L. C. HAS PLANS TO FINALIZE THE PLUG AND ABANDOMENT OPERATION IN MAY 2011, WHEN THE WEATHER PERMITS. AT THAT TIME, THE WELLHEADS WILL BE REMOVED AND THE CASING STRINGS WILL BE CUT BELOW GROUND LEVEL AND A STEEL PLATE WILL BE WELDED ACROSS THE CASING STUBS.

I HAVE ATTACHED THE "ACTUAL TA SCHEMATIC" OF SUBJECT WELL.

COPY SENT TO OPERATOR
Date: 3.31.2011
Initials: KS

NAME (PLEASE PRINT) Cary J. Vice — TITLE Sr. Drilling Engineer

SIGNATURE Cary J. Vice — DATE 3/29/2011

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 3/29/2011
BY:
* Valid through July 1, 2011

RECEIVED
MAR 29 2011
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

ACTUAL T&A SCHEMATIC

PETRO HUNT L. L. C.

DRILLING PROGRAM

cjv

COMPANY NAME	PETRO HUNT L. L. C.			DATE	6/28/2010
WELL NAME	RON LAMB 31A-4-1			TD:	12670 RKB
FIELD	WILDCAT	PROSPECT:	WALES	STATE:	UTAH
LOCATION	SECTION 31, T 15S, R 3E			COUNTY:	SANPETE
OBJECTIVE ZONE(S)	JURASSIC LOWER TWIN CREEK AND JURASSIC NAVAJO			WATER DEPTH:	N/A

GEOLOGICAL — LOGS / SURVEYS

MECHANICAL — HOLE SIZE / CASING SIZE / MUD TYPE / MUD WEIGHT

DEPTH

DID NOT CUT CASING STRINGS
LEFT WELLHEAD &INSTALLED DRY HOLE TREE — 80'

30" X 0.375" Conductor Pipe

SPOTTED SURFACE CEMENT PLUG 10 - 221'
147 SX, 15.8 PPG, 1.15 YLD - CLASS G
VISUALLY INSPECTED PLUG

WELLHEAD EQUIPMENT LEFT ON WELL:
FMC - 20-" SOW X 20 3/4" 3K STARTING HEAD
FMC - 20 3/4" 3K X 13 5/8" 5K CASING SPOOL
FMC - 13 5/8" 5K DRY HOLE TREE ON TOP

10.3 PPG
SALT MUD

SPOTTED CEMENT PLUG 808 - 1,208'
292 SX, 15.8 PPG, 1.23 YLD - CLASS G
PRESSURE TESTED PLUG WITH 500 PSI

26" — 9.0 PPG

20"
94# J/K55 BTC — Brine

1026' RKB

F. G. 12.1 PPG

10.3 PPG
SALT MUD

EZSV @ 4,290', TAGGED TOP OF CEMENT @ 4,203'
SQUEEZED 168 SX CEMENT BELOW RETAINER 4290-4490'
SPOTTED 68 SX CEMENT ON TOP OF RETAINER
204 SX, 15.8 PPG, 1.23 YLD - CLASS G + 15% SALT

17 1/2" — 9.0 PPG

13 3/8"
68# HCL80 BTC — Brine

4490' RKB

F. G. 14.4 PPG / SHOE TEST 11.5 PPG

THIS TEMPORARY ABANDONMENT
SCHEMATIC WAS APPROVED BY
DUSTIN DOUCET 2-21-09 @ 1530 HR.
HOME #(801) 733-0983

10.3 PPG
SALT MUD

NO HYDROCARBONS IN OPEN HOLE

12 1/4" — 10.4 PPG
Salt Saturated

TD 12670' RKB

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: PATENTED
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: RON LAMB 31A-4-1
9. API NUMBER: 4303930034
10. FIELD AND POOL, OR WILDCAT: WILDCAT

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER P&A'd WELL

2. NAME OF OPERATOR: PETRO-HUNT, L. L. C.

3. ADDRESS OF OPERATOR: 1601 ELM ST, SUITE 3400 CITY DALLAS STATE TX ZIP 75201 PHONE NUMBER: (214) 880-8400

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1569' FNL & 1154' FEL COUNTY: SANPETE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 31 15S 03E STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☒ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
5/20/2011	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ALL CASING STRINGS WERE CUT 5' BELOW GROUND LEVEL. A STEEL PLATE WAS WELDED ACROSS THE STUB WITH THE API NUMBER ON IT.

RECEIVED
JAN 26 2012
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) CARY J. VICE TITLE SR. DRILLING ENGINEER

SIGNATURE Cary J. Vice DATE 1/25/2012

(This space for State use only)